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### SOME MODELS FOR VISIBILITY FOR GERMAN STATIONS

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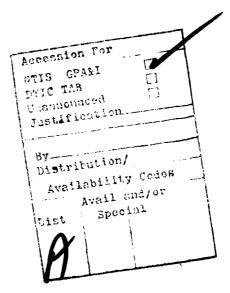
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### 1. Introduction

A goal of the Air Weather Service is to be able to expeditiously give the probability that a weather element will have a value above a specified threshold for any location and any time. In previous reports, the present investigators have shown how probability models can be constructed for such weather elements as visibility, ceiling, sky cover, precipitation and windspeed for stations where records exist, so that the required probabilities can be easily calculated.

More recently studies have been made to develop models for visibility where data does not exist. The pilot study was made using data from Germany. Models for visibility were developed for thirty German stations for different months and times of day using the Weibull distribution. Regression runs were made to obtain expressions for parameter estimates as functions of variables such as elevation, relative elevation, proximity to water, direction of terrain at the station, etc. These expressions are then usable to obtain Weibull model parameter estimates for arbitrary locations.

The present report gives the Weibull parameter estimates for the thirty German stations for each month of the year and eight times of day. Measures of model accuracies for the different stations are also given.

The data used to develop the models was extracted from the \*Revised Uniform Summary of Weather Observations\* (RUSSWO's) prepared by the Data Processing Division of the Air Weather Service.

### 2. Modeling for Visibility

The Weibull distribution has been used by Somerville, Bean and Falls (1979) to model visibility for a number of diverse locations. The cumulative distribution function for the Weibull distribution is given by

$$F(x) = 1 - e^{-\alpha x^{\beta}} \tag{2.1}$$

where  $\alpha$  and  $\beta$  are constants.

There are a number of reasons for using the Weibull distribution to model visibility. Previous usage has shown the Weibull distribution to be sufficiently flexible for modeling visibility for many different locations and time. Also, the Weibull family of curves has a cumulative distribution function which is in closed form. Thus for a visibility distance of x miles, F(x) gives the probability that the visibility will be less than x miles. In general,  $\alpha$  and  $\beta$  values were obtained for a specified stations for each three-hour period, for each month.

### 3. Estimation of the Parameters of the Weibull Distribution

The parameters of the Weibull distribution were estimated by choosing the values of  $\alpha$  and  $\beta$  for which the Weibull cumulative distribution function most closely fits the empirical cumulative distribution. If  $\hat{F}(x)$  is the empirical cdf and  $F(x;\alpha,\beta)$  is the model cumulative distribution function, then the values chosen for  $\alpha$  and  $\beta$  were those values for which the expression

$$\sum \left[ \hat{F}(x) - F(x;\alpha,\beta) \right]^2$$
 (3.1)

has its minimum value. The summation is over the x values given in the RUSSWO's  $(1/4,\,5/16,\,1/2,\ldots,5,6)$ . The solution for  $\alpha$  and  $\beta$  was accomplished using non-linear regression techniques. A detailed description of non-linear regression techniques is given in Heuser, Somerville and Bean (1980). The FORTRAN computer program which was used is described and a listing provided in Bean, Heuser and Somerville (1981). Figure 3.1 illustrates the use of the method using visibility data from Schwaebisch Hall, Germany for March 0700 hours. Table 3.1 gives the observed and fitted values for the same station, month and hour.

x miles	0	1/4	5/16	1/2	5/8	3/4	1	5/4	3/2	2	5/2	3	4	5	6
Obs.	.000	.027	.031	.038	.048	.054	.065	.100	.136	.221	.303	. 311	.411	.469	.538
Fit	.000	.020	.026	.044	.057	.070	.096	.123	.150	. 203	. 254	. 304	. 398	.482	.556

Table 3.1

OBSERVED AND FITTED PROBABILITIES FOR PROB(X < x)

SCHWAEBISCH HALL, GERMANY MARCH - 7 A.M.

Section 6 gives the  $\alpha$  and  $\beta$  values by month and time of day for each of the 30 German stations. In each case two measures of "goodness of fit" of the models are also given. These are described in the next section.

### 4. Goodness of Fit of the Models

For each station, month and time of day the root mean square of the difference between the empirical and model probabilities was obtained. This is just the mean square of the value obtained from expression (3.1). This value appears as "RMS" in the tables in Section 6. Also appearing for each station, month and hour is "P(E > .01)". This is the proportion (of the 14 x-values) for which the difference between the observed value and the model or fitted data is greater than .01.

Some overall goodness of fit indicators for each of the 30 stations are given in Table 4.1. The RMS given is the RMS of the differences between observed and fitted values over all months and hours for that station. P(E > .01) and P(E > .05) give respectively the proportion of time the difference between observed and iftted values is greater than .01 and .05, respectively.

### 5. Use of the Models

Suppose one wishes to obtain the probability that the visibility is less than .8 miles at Schwaebisch Hall, Germany at 7 a.m. in February. Using the tables in Section 6, we have  $\alpha$  = .101168 and  $\beta$  = 1.162492. Using the Weibull model, the calculated probability is

$$1 - e^{-\alpha x^{\beta}} = .075$$

We thus estimate the required probability to be .075.

### 6. Tables of Coefficients of the Individual Models

The following pages contain the  $\alpha$  and  $\beta$  coefficients and also two measures of "goodness of fit, "RMS" and "P [E > .01] " for each of the 30 German stations, by month and hour.

The last page gives P[E > .01] and P[E > .05] and the RMS, where the calculations are made using results from all months and times of day.

### 7. References

Bean, S. J., M. Heuser and P. N. Somerville, "A Program for Estimating Parameters in a Cumulative Distribution Function" AFGL-TR-81-xxxx, 31 March 1981.

Heuser, M. L., P. N. Somerville and S. J. Bean, "Least Squares Fitting of Distributions Using Non-linear Regression" AFGL-TR-80-0362, 30 September 1980.

Somerville, Paul N. and Steven J. Bean, "Fitting Distributions to Data, A Comparison of Two Methods" AFGL-TR-0074, 30 January 1981

Somerville, Paul N., Steven J. Bean and Sherrill Falls, "Some Models for Visibility" AFGL-TR-79-0144, 30 June 1979.

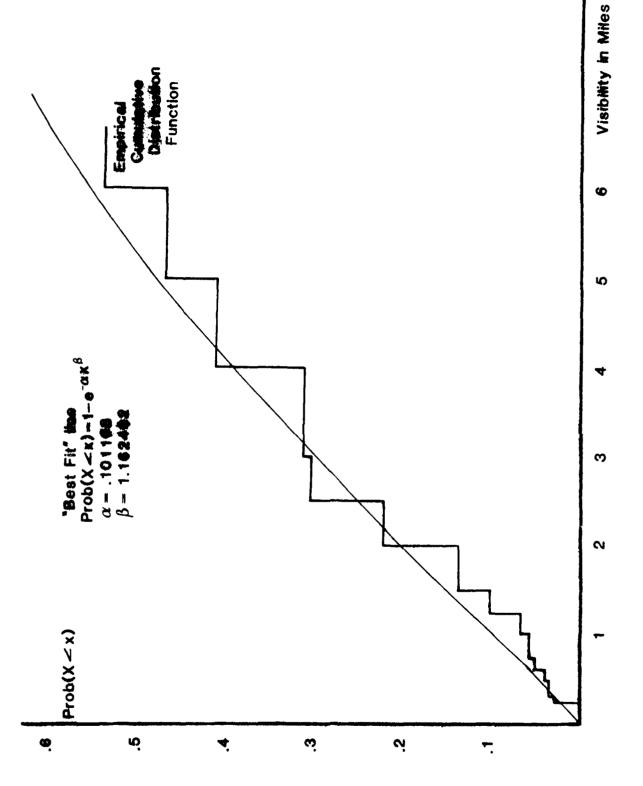


FIGURE 3.1 Visibility For Schwaebisch Hall, Germany February 7a.m.

STATION	P(E>.01)	P(E>.05)	RMS
HAHN AB WBANG34055	0.304	0.001	0.011
BITBURG AB WBAN434049	0.324	0.000	0.011
RAMSTEIN AB WBAN#34050	0.249	0.000	0.010
SPANGDAHLEM AB WBANG34054	0.210	0.000	0.009
TEMPELHOF APRT WBAN#35104	0.333	0.007	0.015
ANSBACH AAF UBAN#34172	0.359	0.023	0.018
FULDA AAF WBANG35053	0.403	0.015	0.016
ERDING AS WBAN#34168	0.329	0.014	0.015
FEUCHT AAF WBAN#34198	0.424	0.031	0.020
BAUNHOLDER AAF WBAN434077	0.604	0.136	0.038
BAD KREUZNACH AAF WBAN434070	0.371	0.021	0.017
BAD TOLZ AAF WBAN#34197	0.456	0.010	0.018
ZWEIBRUCKEN AB WBAN434058	0.315	0.000	0.012
WIESBADEN AB WBAN435010	0.149	0.000	0.008
FINTHEN AAF WBAN434075	0.404	0.007	0.016
FURTH AAF WBAN#34176	0.446	0.049	0.022
HANAU AAF WBANG35009	0.317	0.004	0.013
GABLINGEN AAF WBAN#34196	0.457	0.022	0.019
GIEBELSTADT AUX AF WBANG34036	0.307	0.029	0.019
GRAFENWOHR AAF WBAN#34189	0.507	0.029	0.021
HEIDELBERG AAF WBAN#34046	0.354	0.015	0.015
ILLESHEIM AAF WBAN434190	0.280	0.012	0.014
KITZINGEN AAF WBAN#34191	0.249	0.003	0.011
NURNBERG WBAN434177	0.295	0.004	0.012
COLEMAN AAF WBAN#34068	0.403	. 0.035	0.022
WERTHEIM AAF WBAN434076	0.415	0.004	0.015
SCHWAEBISCH HALL AAF WBAN#34074	0.436	0.037	0.020
SEMBACH AB WBANG34056	0.286	0.006	0.012
SIEGENBERG GUNNERY RANGE #BAN#34199	0.634	0.251	0.055
ECHTERDINGEN ARPT WBANG34041	0.228	0.000	0.010

Table 4.1 Overall Measures of Goodness of Fit
(All Months and Times of Day)

AMBBACH AAF MBAN034172											
JAM	0000-0200	0300-0500	0600-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300			
ALPHA	0.04454742	0.07330219	0.22937129		0.12947980	0.11479470	0.12304390	0.10987720			
BETA	1.47410905	1.54444705	1.05804879	1.03742099	1.21440077	1.24333501	1.30121175	1.14434695			
RMB P(E>.01)	0.031 0.443	0.024 0.500	0.015 0.214	0.022 0.857	0.021	0.019	0.015	0.028			
	V.843	0.300	0.214	0.85/	0.443	0.443	0.571	0.786			
FEB	•	•	•	•	•	•	•	•			
ALPHA	0.17743050	0.15824400	0.13253769	0.14109720	0.08520414	0.04971567	0.08589379	0.14211350			
BETA	1.17025900	1.24307001	1.13407403	0.79512321	1.14610676	1.17401001	1.24075304	1.23044100			
RMS P(E>.01)	0.047 0.857	0.046 0.714	0.021 0.714	0.017 0.429	0.012	0.011	0.021	0.050			
P(E/.VI/	0.83/	0.714	0.714	0.429	0.500	0.284	0.714	0.786			
HAR	•	•	•	•	•	•	•	•			
ALPHA	0.03213194	0.05304421	0.12158740	0.08101211	0.04355339	0.02809813	0.02863396	0.02771120			
DETA	1.12076199	1.24309502	0.93747017	0.99574471	1.07768301	1.19450200	1.23974794	1.22241778			
RMS	0.025	0.020	0.014	0.014	0.012	0.009	0.013	0.019			
P(E>.01)	0.714	0.571	0.429	0.443	0.714	0.286	0.429	0.500			
APR	•	•	•	•	•	•	•	•			
ALPHA	0.00403957	0.04028947	0.05555320	0.02304538	0.00717268	0.00334170	0.00261705	0.00002055			
DETA	1.07998002	0.43154931	1.13631797	1.40272403	1.82084000	2.03885889	1.99478495	4.10951185			
RMS	0.00B 0.214	0.004	0.012	0.004	0.005	0.002	0.004	0.002			
P(E>.01)	0.214	0.143	0.286	0.143	0.071	0.000	0.071	0.000			
MAY	•	•	•	•	•	•	•	•			
ALPHA	0.00004473	0.04238257	0.04143640	0.01010349	0.00092742	0.00033549	0.00052517	0.00008937			
DETA	3.97105707	1.51518500	1.25225702	1.70414305	2.64945412	7.95239401	2.60815811	3.11448877			
RMS	0.004	0.018	0.007	0.005	0.002	0.001	0.003	0.003			
P(E>.01)	0.143	0.643	0.214	0.000	0.000	0.000	0.000	0.000			
JUN	•	•	•	•	•	•	•	•			
ALPHA	0.02474024	0.05740270	0.04897495	0.01791777	0.00355894	0.00179408	0.00248817	0.03355820			
BETA	0.75450301	0.73738901	1.14412403	1.44841599	1.97714794	2.24115300	2.11405394	0.74788342			
RHS	0.018	0.010	0.009	0.007	0.003	0.004	0.005	0.022			
P(E>.01)	0.714	0.214	0.204	0.143	0.000	0.143	0.071	0.786			
JUL	•	٠	•	•	•	•	•	•			
ALPHA	0.00100047	0.00285395	0.03189728	0.00485118	0.00448129	0.00457438	0.00824075	0.00100049			
BETA	0.00000000	2.19009805	1.38243404	1.87301002	1.52422798	1.24043075	1.04787205	0.0000000			
RMS	0.012	0.012	0.005	0.004	0.003	0.003	0.003	0.027			
P(E>.01)	0.071	0.571	0.071	0.143	0.000	0.000	0.000	3.971			
AUB	•	•	•	•	•	•	•	•			
ALPHA	0.00010477	0.03014027	0.09915415	0.01974918	0.00471794	0.00153629	0.00098024	0.00054281			
DETA	3.44987307	1.07187704	0.90474353	1.57676196	1.74191499	2.51889801	2.55405593	2.62370410			
RMS	0.002	0.005	0.011	0.009	0.004	0.002	0.002	0.005			
P(E>.01)	0.000	0.000	0.357	0.214	0.000	0.000	0.000	0.071			
SEP	•	•	•	•	•	•	•	•			
ALPHA	0.04717378	0.14499811	0.14919230	0.02744178	0.00533774	0.00358617	0.00081303	0.00001268			
BETA	0.27027839	0.33714989	0.89502740	1.48514905	2.03417897	2.04405797	2.45953500	4.90994213			
RMS	0.000	0.007	0.017	0.009	0.005	0.002	0.005	0.010			
P(E>:01)	0.143	0.214	0.357	0.071	0.000	0.000	0.071	0.714			
907	•	•	•	•	•	•	•	•			
AL PHA	0.04484077	0.11334180	0.30903110	0.10029121	0.03701634	0.01007603	0.02230230	0.00052679			
DETA	0.72472888	0.40194331	0.5719#411	0.71988952	1.34471903	1.58424499	1.59183002	3.50319004			
RHS	0.033	0.011	0.022	0.014	0.008	0.008	0.011	0.904 0.071			
P(E>.01)	9.857	0.500	0.786	0.443	0.214	0.214	0.429	0.0/1			

0.18847550 1.01331499 0.017 0.429

0.21747459 0.12133540 0.71170551 0.92437002 0.009 0.007 0.357 0.214

> 0.12439830 1.09458304 0.018 0.714

0.11028080 0.10974940 0.85390431 0.97441150 0.012 0.013 0.500 0.429

> 0.15743240 1.10841405 0.013 0.571

0.13207740 1.11320400 0.012 0.357 0.09624730 0.71983981 0.022 0.571

0.29341239 0.74740448 0.034 0.714

in the state of the state of

•

0.23197411 0.76468111 0.022 0.784

0.21293330 0.93932378 0.622 0.643

ALPMA 0.17148240 0.19170921 BETA 0.57392311 0.59213328 RMS 0.022 0.031 P(E).01) 0.300 0.857

> 0.29817119 0.24912781 0.67793930 0.75180447 0.032 0.037 0.714 0.786

ALPHA SETA RMS P(E>.01)

### BAD KREUZHACH AAF MBANA34070

MAL	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300
ALPHA		0.11176690	0.17507740	0.23475300	0.17679520	0.16706420	0.20003170	********
BETA	********	1.25084794	1.04113401	0.87780432	0.97572452	0.97975878	1.05325401	********
RHS	****	0.030	0.021	0.012	0.014	0.013	0.025	****
P(E>.01)	*****	0.571	0.204	0.286	0.643	0.429	0.643	*****
FEB	•	•	•	•	•	•	•	•
ALPHA	********	0.10798780	0.17203130	0.19207020	0.11489420	0.10619540	0.08502939	********
BETA RMB	*****	1.32054701	0.78542821 0.014	0.91509879 0.016	1.05610302	0.99148238 0.012	1.08849078 0.012	*********
P(E>.01)	****	0.443	0.357	0.500	1.000	0.012	0.500	56566
MAR				V.555	******			*****
*****	•	•	•	•	•	•	•	•
ALPHA	*******	0.09784192	0.10201520	0.09107923	0.93351282	0.01394595	0.03696092	*******
BETA RM3	*****	1.49105000	1.24954596	1.22261396	1.54091895 0.012	1.75225 <b>3</b> 06 0.006	1.3 <b>7327878</b> 0.011	*********
P(F).013	4444	0.571	0.357	0.714	0.500	0.143	0.429	****
APR					****			
			·	·		·		
ALPHA Beta	******	0.05549959 1.49128795	0.03337309	0.01312715	0.00187247 2.45784597	0.00031397 3.37952399	0.00227532	0.00518631
RMS	*****	0.023	0.011	0.009	0.006	0.003	0.004	0.030
P(E>.01)	****	0.857	0.357	0.214	0.071	0.000	0.000	0.429
MAY								
*****					,			
ALPHA Beta	*********	0.0103 <b>6</b> 571 2.28744796	0.01760132 1.82275200	0.00352011 2.39597407	0.00031506 3.24692893	0.00008478 3.75714898	0.00009206 3.01301392	*********
PAR	******	0.023	0.012	0.003	0.002	0.001	0.002	*****
P(E>.01)	****	0.784	0.214	0.000	0.000	0.000	0.000	****
JUM								
ALPHA	*********	0.00454430	0.01147825	0.001+1008	0.00027139	0.00001553	0.00013104	********
BETA	********	2.44444194	2.11017411	2.80144000	3.27793288	4.37247780	3.31040404	1101111111
RMS	****	0.008	0.007	0.007	0.003	0.001	0.001	****
P(E>.01)	*****	0.214	0.143	0.143	0.000	0.000	0.000	*****
JUL	•	•	•	•		•	•	
ALPHA	*********	0.00445387	0.01571341	0.00254893	0.00007422	0.00018074	0.00050837	********
BETA	********	2.58719811	1.87371495	2.59445790	4.05145597	3.33318400	2.77404904	********
RMS	****	0.019	0.010	0.003	0.001	0.001	0.003	****
P(E>.01)	*****	0.357	0.143	0.000	0.000	0.000	0.000	*****
AUG	•	٠	•	•	•	•	•	•
ALPHA	********	0.01539631	0.03619542	0.00430574	0.00123462	0.00058062	0.00042048	********
DETA	********	2.10513210	1.63245201	2.31769204	2.72853899	2.83481373	2.87008500	********
RMS P(E>.01)	*****	0.017 0.500	0.008 0.214	0.004	0.002	0.002	0.001	****
	•••••	0.300	V.2	0.143	0.000	0.000	0.000	•••••
SEP	•	•	•	•	•	•	•	•
ALPHA	********	0.17207110	0.21195900	0.09748724	0.01817829	0.00497071	0.01464657	********
DETA	********	1.05939994	0.91540942	1.23308098	1.48941405	2.11135507	1.45935194	********
RMS	*****	0.026 0.714	0.017 0.571	0.017 0.500	0.009	0.006	0.004	*****
P(E>.01)	*****	0.714	0.3/1	0.500	0.143	0.071	0.000	*****
OCT	•	•	•	•	•	•	•	•
ALPHA	*********	0.29020980	0.37341670	0.20221121	0.08813152	0.05756554	0.11719750	*********
BETA RME	*******	0.85499108 0.039	0.4022285R	0.7457 <b>9</b> 263 0.010	1.18912196	1.23348294	1.01204879	*********
P(E>.01)	*****	0.857	0.714	0.429	0.016 0.786	0.500	0.022	****
HOV	-		_					
-	,							
ALPHA Beta	********	0.14040920	0.18302390	0.20826121	0.12112130	0.11049500	0.13785430	*********
RHS	*****	0.041	0.010	0.70034157	1.09983495	1.06507194	1.15089297	*****
P(E>.01)		0.857	0.443	0.429	0.429	0.286	0.571	*****
DEC								
	•			,				•
ALPHA BETA	*********	0.15550070 1.08244899	0.14344031	0.18738011 0.97770977	0.13894551	0.13542770 1.06585393	0.15545490	*********
RHS	*****	0.040	0.017	0.020	0.019	0.018	0.028	*****
P(E>.01)	****	0.929	0.500	0.714	0.443	0.500	0.714	****

BAD TOLZ AAF WBANG14177

BAD TOLZ AAF WBANG14177											
HAL	0000-0200	0300-0300	0400-0800	0100-1100	1200-1400	1500-1700	1800-2000	2100-2300			
ALPHA BETA RHS P(E).01;	********** ***** *****	0.14443930 0.90278822 0.021 0.857	0.14674610 0.82674581 0.026 0.929	0.12222340 0.82481241 0.032 1.000	0.00158380 0.74238743 0.024 0.784	0.08434790 0.95869142 0.020 0.857	0.15342547 0.87734757 0.020 0.441	000000000 120000000 11015 14114			
FED	•	•		•	•						
ALPHA BETA RMS P(E>.01)	********* ******** ***** *****	0.12254330 0.83250070 0.035 0.929	0.07182531 0.83704642 0.024 0.857	0.08218484 0.84938232 0.024 0.929	0.04535481 0.92947781 0.015 0.784	0.04013340 0.97349832 0.612 0.500	0.09931047 0.82614091 0.027 0.837	0.00364023 2.96497312 0.047 0.300			
HAR	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	***********	0.13178221 0.78474262 0.015 0.643	0.15012410 0.78411400 0.025 0.857	0.11813150 0.84572528 0.033 0.727	9.08281533 1.01562778 9.025 9.727	0.00123188 0.73812299 0.015 0.714	0.09870197 0.74531018 0.022 0.857	**********			
APR	•	•	•	•	•	•	•				
ALPHA BETA RMS P(E>.01)	0.04873482 0.95335752 0.027 0.857	0.07023032 0.76348047 9.014 0.857	0.07467734 0.97332591 0.016 0.786	0.04799834 1.11238098 0.011 0.429	0.04144418 1.01248494 0.010 0.571	0.03840247 1.07332599 0.009 0.284	0.04187734 1.15943897 0.007 0.214	0.02484727 1.41773704 0.012 0.443			
HAY	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	0.00024844 3.74193490 0.004 0.000	0.03109119 1.14593497 0.008 0.214	0.02004740 1.21144095 0.004 0.000	0.01443375 1.48720300 0.007 0.143	0.90957979 1.62064397 0.004 0.000	0.01418033 1.27891347 0.004 0.000	0.00789884 1.54000778 0.004 0.000	0.00242072 2.53735707 0.017 0.284			
JUN	•	•	•		•	•	•				
ALPHA BETA RMS P(E>.01)	0.00108421 4.03934813 0.058 0.429	0.03247028 1.31900704 0.009 0.286	0.01333406 1.52128774 0.005 0.000	0.00549523 1.05555804 0.005 0.143	0.00218586 2.21906304 0.003 0.000	0.00139979 2.50112700 0.002 0.000	0.00313719 2.07045100 0.005 0.071	0.00472320 2.10548304 0.045 0.427			
JUL	•				•	•	•	•			
ALPHA BETA RHS P(E>.01)	******	0.05594033 0.98053932 0.010 0.357	0.01081415 1.77499995 0.008 0.286	0.00089144 2.87135792 0.004 0.000	0.00284001 1.87911995 0.003 0.000	0.00520339 1.37445100 0.004 0.143	0.00180704 1.77781777 0.003 0.000	********** ***** *****			
AUG	•	•	•		•	•	•				
ALPHA BETA RHS P(E>.01)	148148888 138348888 1883 2883	0.08188294 0.81492728 0.013 0.500	0.03780125 1.21148196 0.009 0.214	0.01084252 1.74043599 0.005 0.071	0.00305529 2.3A346200 0.005 0.071	0.00078741 2.87712693 0.004 0.000	0.00480482 1.97513998 0.004 0.071	0.00040484 3.74453712 0.016 0.357			
SEP	•			•	•	•	•	•			
ALPHA BETA RHS P(E>.01)	0.07197345 1.20920102 0.020 0.714	0.15755370 0.80798258 0.021 0.571	0.10441120 0.73693520 0.010 0.284	0.02914990 1.27944696 0.007 0.214	0.00773448 1.83047605 0.005 0.071	0.00470739 1.92750001 0.004 0.143	0.01995391 1.47959497 0.007 0.214	0.02155747 1.77540703 0.011 0.357			
<b>0</b> C7	•	•				•	•	•			
ALPHA BETA RMS P(E>.01)	********** ***** *****	0.12027300 0.56530571 0.017 0.643	0.13084240 0.43170778 0.007 0.357	0.04414843 0.95592332 0.015 0.714	0.03041121 1.70621902 0.013 0.571	0.02927417 1.13569700 0.013 0.500	0.03209003 1.04518197 0.007 0.143	11111111111 111111 11111			
WOV								,			
ALPHA BETA RMS P(E>.01)	********** ***** *****	0.17057820 0.48727618 0.010 0.357	0.14234140 0.70449749 0.013 0.500	0.11749840 0.84037763 0.016 0.500	0.08743436 0.74872041 0.020 0.786	0.11519240 0.79476422 0.012 0.500	0.19091410 0.70039082 0.012 0.500	********** ********* *********			
DEC	•	•		•							
ALPHA BETA RHS P(E>.01)	\$6887 \$8882 \$8822 \$882 \$82 \$8	0.11488520 0.92647911 0.024 0.714	0.13429051 Q.84474757 Q.015 Q.571	0.13542120 0.82078718 0.024 1.000	9.09354947 9.97219282 9.021 9.929	0.13934839 0.76320332 0.024 0.837	0.2004*221 0.74597341 0.015 0.571	**********			

ALPHA BETA RMS P(E>.01)	********** ***** *****	0.58757070 1.44814477 0.048 1.000	0.35903178 1.23678994 0.061 0.929	0.44174041 1.04453301 0.051	0.27513761 1.04484406 0.022 0.784	0.34636791 0.94652952 0.034 0.857	0.44141810 1.34586704 0.041	********** ********** *****
FED								
ALPHA BETA RHS P(E>.01)	********** ********* *****	0.34325210 1.17431994 0.057 0.784	0.32885101 1.09707499 0.041 0.784	0.25857439 1.04102099 0.043 0.837	0.153144†1 1.0754†204 0.028 0.714	0.14845300 1.04470703 0.021 0.714	0.14340547 1.33271003 0.037 0.784	**************************************
HAR			•		•	•	•	
ALPHA BETA RMS P(E>.01)	***********	0.24933349 1.33201599 0.048 0.857	0.19313159 1.14514495 0.032 0.784	0.09227934 1.35844494 0.019 0.571	0.03919517 1.40071898 0.010 0.284	9.03230294 1.66519201 0.015 0.337	0.04434675 1.90200400 0.025 0.786	***************************************
APR	•	•	•	•	•	•	•	•
ALPHA BETA RHB P(E>.01)	***************************************	0.13793390 1.15562904 0.016 0.571	0.10299950 1.23192501 0.017 0.714	0.03749477 1.54973602 0.017 0.500	0.01905010 1.46473401 0.007 0.143	0.01858894 1.73519099 0.008 0.143	0.03552574 1.78742400 0.015 0.571	***********
ALPHA BETA RHS P(E>.01)		0.12005980 1.06598794 0.025 0.714	0.04774728 1.26742177 0.018 0.357	0.01924183 1.69392800 0.012 0.286	0.00825830 1.87218703 0.004 0.000	0.00520460 2.09043097 0.004 0.000	0.00948037 2.06728101 0.011 0.357	************
MUL			•	•	•	•	•	
ALPHA BETA RHS P(E>.01)	*********	0.14291090 1.09646106 0.031 0.643	0.07130180 1.39544294 0.014 0.500	0.01939049 1.79421404 0.009 0.286	0.00755355 1.88204300 0.004 0.000	0.00487917 2.23979592 0.003 0.000	0.01441373 1.93425000 0.019 0.357	********** ********* *****
JUL	•	•	•	•		•	•	•
ALPHA BETA RMB P(E>.01)	**********	0.10071190 1.21103094 0.024 0.857	0.04393314 1.45872076 0.013 0.500	0.02074 <b>98</b> 4 1.624 <b>05503</b> 0.011 0.214	0.01553338 1.52972400 9.003 0.000	0.01402874 1.50077498 0.007 0.143	0.01835259 1.87831700 0.017 0.357	********* ***** *****
AUS		•	•	•	•	•	•	•
ALPHA BETA RMB P(E>.01)	**********	0.22348909 0.89110839 0.027 0.714	0.12200350 1.09356797 0.019 0.571	0.02303325 1.72951102 0.009 0.214	0.00887274 1.71368604 0.006 0.143	0.00964418 1.84345702 0.007 0.071	0.01024330 2.11455989 0.004 0.143	0.23410410 0.82448310 0.147 1.000
SEP ALPHA SETA RHS P(E>.01)	********* ***** ****	0.40013200 0.74484381 0.038 0.727	0.28014579 1.00329497 0.026 0.714	0.05736875 1.48071599 0.013 0.571	0.03785101 1.84462094 0.067 0.857	0.02494846 1.51518202 0.011 0.357	0.04266186 1.72680077 0.041 0.643	********* ***** *****
OCT						•	•	
ALPHA BETA RMB P(E>.01)	******	0.34774500 0.92349548 0.037 0.857	0.47754991 0.40729149 0.019 0.786	0.18802740 1.01491404 0.015 0.714	0.10730120 1.07134993 0.029 0.500	0.10497940 1.09517300 0.025 0.714	0.36700431 1.15907395 0.072 0.929	######################################
HOV		•	•	•		•		
ALPHA BETA RMS P(E>.01)	***********	0.44879500 0.90499920 0.034 0.786	0.45371110 0.80012721 0.044 0.786	0.34512210 0.85514408 0.038 0.857	0.23170300 0.94877231 0.032 0.857	0.25772750 0.87673831 0.034 0.786	0.22711479 1.74189804 0.043 0.857	***************************************
DEC	•			•		•	•	•
ALPHA BETA RMB P(E>.01)	**********	0.47275839 1.18318999 0.081 0.784	0.42837551 0.98713988 0.054 1.000	0.37449749 0.94009888 0.049 0.929	0.34221250 0.74744678 0.052 1.000	0.40739799 0.96644518 0.048 0.929	0.40662709 0.96881253 0.048 0.929	0.37330541 1.52824497 0.048 1.000

#### JAN 0000-0200 0300-0500 1800-2000 ALPHA BETA RMS P(E>.01) 0.13070001 1.01231399 6.017 0.714 0.15457000 0.75281518 0.020 0.714 0.15511549 0.93325341 0.016 0.429 0.21533890 0.84127700 0.014 0.429 0.13530440 0.75433478 9.012 0.500 0.12183270 1.03101204 0.012 0.500 0.10372400 1.05273700 0.012 0.10508400 1.00784805 0.018 FEB ALPHA BETA 0.08475987 0.12724220 0.70487382 0.14879580 0.89480948 0.18470249 0.87608547 0.015 0.371 0.11374400 0.99204242 0.008 0.143 0.07019473 1.09420302 0.010 0.284 0.06877983 1.11517894 0.010 0.286 0.04809744 1.04211197 0.015 0.714 1.03045477 RMS P(E>.01) HAR 0.07305990 1.37020599 0.014 0.643 ALPHA BETA RMS P(E>.01) 0.03424436 1.35452497 0.006 0.143 0.04824741 1.09411204 0.008 0.143 0.10350320 1.09304798 0.014 0.643 0.01348987 1.86170993 0.010 0.01033824 1.81809103 0.005 0.02253387 1.44989306 0.006 0.02143017 1.42047075 0.006 0.071 APR 0.01227424 0.04985845 1.29941104 0.012 0.284 0.02747940 1.38532805 0.009 0.214 0.00947774 1.42245205 0.005 0.071 0.00597143 1.49544199 0.004 0.071 0.01034273 1.48077773 0.003 0.00771148 1.57773400 0.004 ALPHA BETA 0.02044239 P(E>.01) MAY ALPHA BETA 0.00840804 0.04020972 1.21218395 0.05807501 1.24841000 0.01008349 0.00483434 1.71174505 0.002 0.000 0.00492528 1.64705503 0.002 0.000 0.00277043 0.00271283 RMS P(E>.01) 0.013 JUN ALPHA BETA RMS P(E>.01) 0.00984192 1.31921701 0.007 0.02819744 1.44012105 0.007 0.04422632 1.44135998 0.010 0.357 0.00488187 2.03770573 0.004 0.143 0.00173382 2.24233201 0.004 0.000 0.00214216 2.01812003 0.003 0.000 0.00283303 1.91594803 0.004 0.000 0.00479246 1.81412196 0.006 0.071 JUL 0.00917938 1.89772403 0.007 0.284 0.02476548 1.40036705 0.007 0.214 0.03805438 1.52415297 0.007 0.214 0.00137171 2.22547391 0.003 0.000 0.00037750 2.03731474 0.002 0.000 ALPHA BETA 0.00242821 1.72473001 0.002 0.000 0.001 RMS P(E>.01) AUG 0.02715941 1.42058301 0.009 0.143 ALPHA BETA RMS P(E>.01) 0.01025360 2.02877402 0.00214705 2.17818479 0.003 0.000 0.00098485 2.34032893 0.002 0.000 0.00353004 1.88700774 0.004 0.000 0.01442500 0.05381444 0.00517082 1.397@5397 0.015 0.429 1.76663497 1.32457397 SEP 0.01004436 1.57547200 0.005 0.03343447 1.17747000 0.010 0.08039172 0.97145018 0.009 0.14933141 0.98512858 0.019 0.04193579 1.32843402 0.014 0.00793448 1.84744495 0.009 0.0032**8**394 1.91620600 0.004 0.00490490 1.82787299 0.004 ALPHA BETA P(E>.01) 0.784 OCT ALPHA BETA RMB P(E>.01) 0.17458330 0.48438488 0.012 0.643 0.27031821 0.64329731 0.014 0.500 0.19077650 0.83474678 0.017 0.643 0.04575533 1.24481101 0.011 0.284 0.01575120 1.63459301 0.008 0.214 0.01983350 1.41944601 0.011 0.357 0.04103539 1.25207996 0.013 0.571 0.10922610 0.89150542 0.10320950 0.74658328 0.017 0.714 ALPHA BETA RHS P(E>.01) 0.17399549 0.65632010 0.019 0.786 0.13644030 0.69605511 0.016 0.784 0.20193700 0.43082140 0.015 0.443 0.20734610 0.69295073 0.017 0.643 0.07470630 0.85287472 9.010 0.357 0.09155690 0.80359793 0.016 0.714 0.12611909 0.77083671 9.016 0.643 BEC 0.21774780 0.49387400 0.017 0.714 0.21051531 0.73344848 0.013 0.714 ALPHA DETA RMS 0.20187880 0.48424731 0.014 0.22402820 0.82249290 0.013 0.429 0.17417639 0.87464211 0.013 0.371 0.18226020 0.80322558 0.013 0.500 0.16314740 0.77047980 0.018 0.786 0.16524370 0.70491973 0.012 0.500

			COLEMAN	MAP WPAND 144	700			
HAL	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300
ALPHA BETA RHS P(E>.01)	********* ********* *****	0.13215581 1.33189797 0.037 0.714	0.14433490 1.30842994 0.023 0.500	0.23571900 1.16204298 0.016 0.500	0.14993710 1.20010304 0.021 0.643	0.14115780 1.20948103 0.015 0.429	0.12912750 1.34996402 0.011 0.357	0.10072420 1.70127499 0.085 0.786
FED								
ALPHA BETA RMB P(E>.01)	***********	0.11542110 1.34444998 0.031 0.443	0.14688021 1.08723903 0.019 0.500	0.19012350 1.11109900 0.015 0.500	0.11145230 1.22023499 0.011 0.357	0.08594072 1.22462296 0.021 0.571	0.04447105 1.37702704 0.010 0.357	********* ***** ***** *****
HAR	•	•	•	•	•	•	•	•
ALPHA BETA RMS P(E>.01)	**********	0.07024789 1.78522078 0.041 1.000	0.10749780 1.38387203 0.014 0.429	0.09072002 1.45599198 0.017 0.443	0.02829141 1.82472801 0.013 0.500	0.01305340 2.07432008 0.005 0.143	0.02507441 1.73749400 0.012 0.357	0.00113011 4.13401318 0.027 0.429
APR	•	•	•	•	•	•	•	•
ALPHA BETA RHB P(E>.01)	**********	0.02732404 2.15813378 0.027 0.727	0.05332159 1.7008\$100 0.013 0.500	0.02563056 1.94797397 0.009 0.214	0.00349916 2.49584802 0.005 0.071	0.00128545 2.94433401 0.003 0.000	0.00231483 2.70725799 0.004 0.071	***************************************
MAY	•	•	•	•	•	•	•	•
ALPHA BETA RMS P(E>.01)	***************************************	0.04956067 1.99344599 0.027 0.643	0.03113777 1.93330097 0.014 0.357	0.00853976 2.42016602 0.008 0.143	0.00064173 3.33838105 0.006 0.143	0.00041507 3.00798011 0.004 0.000	0.00147179 2.41312103 0.004 0.071	***************************************
MUL				•	•	•	•	•
ALPHA BETA RMS P(E>.01)	********** ********* *****	0.05431228 1.82896399 0.022 0.714	0.03892845 1.79113805 0.011 0.429	0.02464954 1.77066696 0.009 0.214	0.00527154 2.19014406 0.006 0.143	0.00072566 3.00157905 0.003 0.000	0.00055784 3.11008501 0.002 0.000	**********
JUL	•	•		•	•	•		•
ALPHA BETA RMS P(E>.01)	1011111111 1111111111 11111 11111	0.07755391 1.47230594 0.012 0.214	0.04204867 1.76576495 0.005 0.071	0.013490A5 2.13049507 0.006 0.143	0.00078147 3.09419808 0.005 0.071	0.00067163 2.94386792 9.004 0.071	0.000@1736 2.87112777 0.001 0.000	********** ***** *****
AUG						•	•	
ALPHA BETA RMS P(E>.01)	**********	0.04412821 1.54700397 0.011 0.143	0.05873546 1.46682176 0.007 0.143	0.02765200 1.82242501 0.006 0.143	0.00542188 2.25571299 0.008 0.143	0.00073582 3.00926399 0.003 0.000	0.00181567 2.49624395 0.003 0.000	**********
BEP	•	•	•	•	•	•	•	•
ALPHA BETA RHB P(E>.01)	***************************************	0.18989231 1.14594498 0.032 0.784	0.27311909 0.92699093 0.024 0.714	0.09340852 1.34155202 0.010 0.357	0.02574160 1.67019606 0.010 0.357	0.00524048 2.27769995 0.003 0.071	0.00548486 2.35263610 0.005 0.071	**********
OC T	•	•	•	•	•	•	•	•
ALPHA BETA RMB P(E>.01)	******** ********* *****	0.22956710 1.05224001 0.028 0.714	0.36987430 0.78326011 0.025 0.714	0.25264040 0.77326112 0.023 0.643	0.10269650 1.22468901 0.019 0.500	0.03825434 1.40545297 0.014 0.429	0.11404570 1.09828806 0.018 0.429	***************************************
MOV	•	•	•	•	•	•	•	•
ALPHA BETA RHS P(E>.01)	************	0.13748920 1.24224305 0.050 0.857	0.18989400 1.00439703 0.021 0.443	0.22459110 0.98593942 0.011 0.357	0.14105950 1.08318996 0.016 0.643	0.12435580 1.13113105 0.015 0.786	0.10731180 1.14311504 0.021 0.784	**********
DEC	•	•	•	•	•	•	•	•
ALPHA BETA RMS P(E>.01)	*********	0.15143891 1.04987302 0.032 0.786	0.07337477 1.34740004 0.027 0.837	0.14460440 1.21735799 0.014 0.429	0.12520760 1.28013504 0.016 0.571	0.12084140 1.26488194 0.014 0.357	0.08843577 1.44243397 0.020 0.429	0.07054778 1.74008505 0.044 0.784

ECHTERDINGEN ARPT WBANG34041											
JAN	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300			
ALPHA DETA RHS P(E>.01)	0.11313540 1.07999394 0.011 0.357	0.11784340 1.07258403 0.011 0.500	0.15380850 0.97418500 0.011 0.284	0.14442410 1.07370700 9.021	0.08393740 1.29464994 0.014 0.500	0.08947742 1.28492794 0.017 0.571	0.08634760 1.28302300 0.014 0.427	0.09971493 1.16193104 0.012 0.357			
FED							0.427	0.337			
ALPHA BETA RMS P(E>.01)	0.07948545 1.24748401 0.012 0.429	0.07711873 1.16136303 0.011 0.357	0.15462480 1.01379100 0.012 0.500	0.13341020 1.13460398 0.021 0.786	0.0522777R 1.49704900 0.011 0.429	0.06424190 1.34282694 0.013 0.571	0.07009459 1.32373703 0.015 0.429	0.06674336 1.34735704 0.015 0.443			
nAR	•	•		•	•	•					
ALPHA BETA RMB P(E>.01)	0.01459057 1.95804906 0.006 0.000	0.03816660 1.53617599 0.012 0.643	0.10748870 1.19014704 0.012 0.357	0.05080137 1.47758577 0.007 0.143	0.01698403 1.78813398 0.003	0.01627414 1.77081597 0.003 0.000	0.01438772 1.75134702 0.004 0.000	0.00774351 2.11138404 0.005 0.071			
APR	•	•	•	•	•	•	•	•			
ALPHA BETA RMB P(E>.01)	0.00844447 1.70888798 0.005 0.071	0.03305797 1.38183796 0.006 0.000	0.03794015 1.48025703 0.004 0.071	0.00818808 2.07741189 0.003 0.000	0.00348455 2.24163798 0.002 0.000	0.00329781 2.21933508 0.001 0.000	0.00447052 2.21364188 0.002 0.000	0.00340169 2.32365990 0.003 0.000			
HAY	•	•	•	•	•		•				
ALPHA BETA RMS P(E>.01)	0.00746403 1.82539701 0.008 0.143	0.03816320 1.29101598 0.011 0.643	0.01622653 1.81565106 0.007 0.143	0.00133032 2.84104112 0.001 0.000	0.00102646 2.59384394 0.001 0.000	0.00077247 7.74017000 0.001 0.000	0.0016110* 2.56345105 0.003 0.000	0.00153587 2.57175493 0.004 0.000			
JUN	•			•	•						
ALPHA BETA RMS P(E>.01)	0.00341203 2.28394508 0.005 0.000	0.01962525 1.67324495 0.007 0.000	0.00809444 7.12281299 0.005 0.071	0.00179425 2.53903198 0.002 0.000	0.00035444 3.19372702 0.001 0.000	0.00048530 3.02753103 0.002 0.000	0.00115434 2.74433398 0.002 0.000	0.00074774 3.03187793 0.003 0.000			
JUL	•	•	•	•	•	•	•				
ALPHA BETA RHS P(E>.01)	0.00323994 2.13780999 0.004 0.000	0.02514158 1.34548197 0.006 0.000	0.00 <b>/84544</b> 1.93664598 0.006 0.000	0.00070294 3.04470811 0.002 0.000	0.00074190 7.41974099 0.001 0.000	0.00070031 2.55944200 0.001 0.000	0.00097890 2.64117002 0.001 0.000	0.09051294 3.04347704 0.002 0.000			
AUG	•	•		•			•	,			
ALPHA BETA RMS P(EOt)	0.00408098 2.15448499 0.006 0.071	0.03398304 1.25894409 0.011 0.500	0.02692568 1.44283903 0.008 0.286	0.00194394 2.57601309 0.003 0.000	0.00033979 3.16772509 0.003 0.000	0.00033972 3.01599598 0.002 0.000	0.00032697 3.3646380° 0.002 0.000	0.00025773 3.52524590 0.003 0.000			
SEP	•	•	•	•	•	•	•	•			
ALPHA BETA RHS P(E>.01)	0.04400204 1.14270902 0.019 0.643	0.14753449 0.47837858 0.017 0.500	0.13511330 0.85977462 0.010 0.427	0.01221074 1.93516302 0.003 0.000	0.00209977 2.52596998 0.002 0.000	0.00235328 2.36746907 0.002 0.000	0.00279450 2.53481102 0.003 0.000	0.00491591 2.24007795 0.010 0.357			
OCT	•	•		•			•	•			
ALPHA BETA RMS P(E>.01)	0.12820780 0.84751888 0.023 0.443	0.2344980 0.62026942 0.019 0.857	0.24130540 0.70734721 0.010 0.429	0.05881358 1.39524198 0.008 0.214	0.01147730 1.97894502 0.003 0.000	0.01852291 1.79073906 0.005 0.000	0.01654844 1.79659204 0.005 0.071	0.03974323 1.51281297 0.011 0.357			
NOV	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	0.07201363 1.07780500 0.013 0.506	0.11099010 1.02272904 0.017 0.371	0.14867320 0.96272677 0.012 0.500	0.09709167 1.25337303 0.010 0.286	0.94411262 1.50219905 0.007 0.143	0.04033735 1.37460401 9.007 0.214	0.05354829 1.41632795 0.009 0.284	0.07104407 1.23534298 0.011 0.357			
DEC	•	•	•	•	•	•	•	•			
ALPHA BETA RMB P(E>.01)	0.11914780 1.08817903 0.013 0.371	0.13379401 1.00632203 0.014 0.571	0.15777100 0.76277442 0.008 0.143	0.13557600 1.03583205 0.014 0.571	0.10173370 1.18012297 0.010 0.429	0.10303040 1.19901897 0.013 0.429	0.09218344 1.24931300 0.009 0.357	0.10829340 1.12742296 0.012 0.357			

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JAN	0000-0200	0300-0500	0400-0800	0700-1100	1200-1400	1500-1700	1800-2000	2100-2300			
ALPHA DETA RMS	0.13734490 1.17279504 0.014	0.13914950 1.15204501 0.016	0.15055890 1.11407697 0.014	0.12871750 1.15561275 0.007	0.07869662 1.31525397 0.011	0.08686370 1.26741503 0.009	0.10820470 1.25798202 0.013	0.13044050 1.20894204 0.011			
P(E>.01)	0.500	0.443	0.500	0.500	0.204	0.357	0.357	0.429			
FED	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	0.13987970 1.09797394 0.015 0.443	0.19476900 0.92805457 0.018 0.643	0.21678740 0.70368491 0.012 0.571	0.14034579 1.08483494 0.010 0.357	0.04283078 1.34740801 0.007 0.286	0.04784497 1.29974499 0.004 0.071	0.09450244 1.24444498 0.012 0.500	0.10934260 1.22427595 0.012 0.357			
HAR	•		•		•	•	•	•			
ALPHA BETA RHS P(E>.01)	0.01734317 1.77174678 0.008 0.214	0.04304727 1.52343798 0.020 0.929	0.08415511 1.18530500 0.014 0.500	0.03397844 1.55205905 0.010 0.214	0.00796162 1.96536599 0.007	0.00574874 2.04224397 0.004 0.000	0.00828394 2.13546300 0.006 0.143	0.01220307 2.05313374 0.007 0.214			
APR		•	•	•	•	•		•			
ALPHA BETA RMS P(E>.01)	0.00367465 2.48328700 0.007 0.214	0.01528876 1.90794098 0.013 0.500	0.02287625 1.72469997 0.012 0.429	0.00478511 1.98234501 0.004 0.000	0.00476663 1.77661896 0.004 0.000	0.00264622 2.04671194 0.001 0.000	0.00374342 2.13345889 0.005 0.071	0.00375 <b>999</b> 2.325413 <b>98</b> 0.006 0.071			
HAY	•	•			•	•	•	•			
ALPHA BETA RHS P(E>.01)	0.00195950 2.02407009 0.005 0.000	0.01723344 1.74185075 0.013 0.784	0.01401941 1.87142402 0.010 0.357	0.00235770 2.41041803 0.003 0.000	0.00049844 2.80279398 0.002 0.000	0.00013310 3.40442495 0.002 0.000	0.00093325 2.84052410 0.003 0.000	0.00054352 3.27114391 0.005 0.143			
JUN	•		•	•	•			•			
ALPHA DETA RMS P(E>.01)	0.00134422 2.77063611 0.003 0.000	0.00722703 2.15478004 0.008 0.143	0.00312843 2.44439209 0.005 0.000	0.00009759 3.9597799@ 0.004 0.000	0.00007403 3.#f193#95 0.001 0.000	0.00024847 3.14717505 0.001 0.000	0.00074507 2.84908700 0.002 0.000	0.00074382 3.05785487 0.005 0.000			
JUL	•			•		•	•				
ALPHA BETA RMB P(E>.OL)	0.00182353 2.49119692 0.004 0.071	0.00727120 2.18132997 0.007 0.214	0.00397584 2.52902889 0.008 0.143	0.00196470 2.41381502 0.004 0.000	0.00234866 1.93609405 0.001 0.000	0.00337229 1.74485397 0.002 0.000	0.00498351 1.72228801 0.004 0.000	0.00108346 2.92570210 0.007 0.143			
AUB	•	•	•	•	•	•	•				
ALPHA DETA RMS P(E>.01)	0.00170370 2.74770872 0.010 0.643	0.01420572 1.89780402 0.015 0.784	0.01904884 1.70811794 0.011 0.571	0.00203343 2.51465201 0.001 0.000	0.00077222 2.44500592 0.002 0.000	0.00158784 2.18377090 0.004 0.071	0.00113442 2.73158598 0.003 0.000	0.00034048 3.54257294 0.005 0.143			
SEP	•			•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	0.01457395 1.80789497 0.018 0.784	0.07488482 1.10770798 0.029 0.857	0.09483835 1.00371301 0.023 0.857	0.01449047 1.58014598 0.004 0.071	0.00077474 2.81477499 0.004 0.000	0.00123995 2.42853689 0.002 0.000	0.00293896 2.41057491 0.004 0.071	0.00410720 2.45456410 0.005 0.143			
OCT						•		•			
ALPHA BETA RNS P(E>.01)	0.14845429 0.98473442 0.034 0.857	0.20048701 0.87474872 0.034 0.786	0.24954490 0.70861930 0.017 0.371	0.00071730 1.12200075 0.014 0.427	0.01935402 1.49592798 0.004 0.000	0.02437584 1.57554400 0.010 0.284	0.05010769 1.41980004 0.015 0.371	0.08711509 1.21805894 0.024 0.784			
HOV		•					•	•			
ALPHA DETA RMS P(E>.01)	0.13200440 1.10079303 0.042 0.857	0.15274830 1.17496797 0.042 0.929	0.19895621 0.98576862 0.030 0.714	0.11266139 1.20771897 0.024 0.857	0.03495937 1.40405300 0.013 0.571	0.07903480 1.30961299 0.011 0.357	0.10743700 1.21254004 0.028 0.784	0.14733151 1.04072905 0.041 0.643			
DEC	•		•	•	•	•	•	•			
ALPHA BETA RHS P(E>.01)	0.27124379 0.82032849 0.018 0.300	0.30088137 0.80197331 0.023 0.371	0.29618260 0.78347480 0.022 0.571	0.25745311 0.84534383 0.013 0.500	0.18073340 0.94491702 0.012 0.286	0.21323550 0.95070338 0.011 0.357	0.22362959 0.98591298 0.020 0.714	0.25743431 0.87007303 0.014 0.500			

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FEUCHY AAF WHAHOZALPH											
JAN	0000-0200	0300-0500	0400-0800	0700-1100	1200-1400	1500-1700	1800-2000	2100-2300			
ALPHA BETA RHS P(E>.01)	0.17001490 1.28996394 0.033 0.857	0.16704170 1.36816277 0.034 0.857	0.17235770 1.24725377 0.037 0.643	0.19947390 1.17754102 0.021 0.784	0.14083150 1.15080297 0.018 0.714	0.13577331 1.15201177 0.020 0.500	0.20029280 1.13731704 6.040 0.857	0.19403239 1.25307904 0.040 0.786			
FED						•	ē	•			
ALPHA BETA RHS P(E>.01)	0.10598410 1.22024798 0.022 0.857	0.11335670 1.51747000 0.031 0.786	0.14640930 1.27511597 0.032 0.714	0.13358440 1.28715704 0.017 0.427	0.04526191 1.34756498 0.009 0.143	0.05040014 1.37424102 0.014 0.500	0.05748987 1.44003501 0.013 0.337	0.03658590 1.00771196 0.021 0.714			
MAR	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	0.03040736 1.64323604 0.017 0.643	0.05321331 1.43380702 0.021 0.443	0.1044 <b>028</b> 0 1,17110203 0.013 0.443	0.05234234 1.44945005 0.012 0.429	0.023701 <b>86</b> 1.52243102 9.613 0.337	0.01174478 1.72471905 0.008 0.143	0.01778170 1.78104303 0.007 0.357	0.02832942 1.54948294 0.015 0.429			
APR	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	0.03314824 1.58727405 0.020 0.427	0.04578205 1.34302197 0.031 0.784	0.07353448 1.21086378 0.017 0.500	0.03013982 1.34471000 0.004	0.01491322 1.31423293 0.007 0.143	0.00804048 1.52540494 0.003 0.000	0.01333437 1.39477493 0.010 0.357	0.01776722 1.62443399 0.024 0.571			
MAY	•	•	•	•	•	•	•	•			
ALPHA BETA RMB P(E>.01)	0.02739973 1.34298098 0.019 0.443	0.04759676 1.38835704 0.025 0.643	0.03073930 1.60996997 0.012 0.429	0.00474183 1.88828504 0.003 0.000	0.00520973 1.50823200 0.002 0.000	0.00224979 1.72223794 0.001 0.000	0.00238454 1.78514460 0.002 0.000	0.02207139 1.06929302 0.008 0.714			
JUM	•	•	•	•	•		•	•			
ALPHA BETA RMS P(E>.01)	0.04025852 1.31973898 0.018 0.429	0.08037747 1.74038301 0.024 0.500	0.05408155 1.23847093 0.010 0.357	0.01000707 1.39310198 0.005 0.000	0.00300477 1.74904194 0.002 0.000	0.00323091 1.74003497 0.003 0.000	0.00505513 1.44438494 0.004 0.000	0.01113375 1.76474278 0.014 0.427			
JUL	•	•	•				•	•			
ALPHA BETA RMS P(E>.01)	0.04151475 1.53481400 0.028 0.571	0.10731980 1.15207398 0.023 0.429	0.05915713 1.33547401 0.010 0.284	0.00475443 1.88758004 0.005 0.071	0.00104344 2.34551499 0.002	0.00040444 2.844287*7 0.001 0.000	0.00745977 1.47376202 0.008 0.286	0.01188452 1.96374595 0.009 0.214			
AUG	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	0.01944431 1.42138293 0.014 0.571	0.02123140 1.92849400 0.017 0.571	0.15432321 0.85830247 0.020 0.714	0.03839917 1.29925001 0.009 0.214	0.00879075 1.42930000 0.004 0.000	0.00554472 1.57771203 0.004 0.006	0.00326883 2.08462510 0.002 0.000	0.00456974 2.15153003 0.010 0.214			
SEP	•	•	•	•	•	•	,	•			
ALPHA BETA RMS P(E>.01)	0.08428442 1.23979700 0.023 0.784	0.20470800 0.88754502 0.022 0.443	0.20477840 0.94181007 0.017 0.571	0.04742334 1.31274703 0.007 0.214	0.00446177 1.64742178 0.004	0.00779881 1.45400298 0.005 0.071	0.90308722 2.28798870 0.003 0.000	0.00447347 2.38942907 0.021 0.429			
OCT		•	•	•	•	•		•			
ALPHA BETA RMS P(E>.01)	0.10140020 1.23519590 0.023 0.500	0.18537380 0.99357453 0.020 0.500	0.30108750 0.79710841 0.023 0.643	0.12035770 1.11492393 0.017 0.500	0.01373003 1.74434774 0.007 0.143	0.01081478 1.84448401 0.003 0.000	0.07044233 1.82779098 0.008 0.214	0.03065170 1.77013101 0.023 0.357			
MOV	•		•	•				•			
ALPHA BETA RMS P(E>.01)	0.18443860 0.95127928 0.026 0.643	0.31404230 0.84781859 0.029 0.857	0.14577240 0.91841489 0.012 0.357	0.12379130 1.05075705 0.010 0.214	0.04430084 1.14878578 0.011 0.143	0.07310876 0.87300573 0.012 0.357	0.15017040 0.84844772 0.013 0.714	0.21229440 0.75440440 0.012 0.571			
DEC	•	•	•	•	•	•	•	•			
ALPHA BETA RHS P(E>.01)	0.18382770 1.10278404 0.047 0.727	0.19172210 1.07350194 0.027 0.714	0.13200710 1.20011270 0.033 0.927	0.12495420 1.34537802 0.034 0.784	0.08472727 1.35404301 0.030 0.857	0.10044410 1.272732 <b>9</b> 7 0.024 0.714	0.11740000 1.29347304 0.030 0.704	0.15202240 1.16873097 0.046 0.857			

#### 1500-1700 0.21302120 0.89615401 0.023 0.643 0.29698491 0.76575422 0.011 0.500 0.22741850 0.70043762 0.014 0.500 0.21767010 0.93886441 0.020 0.643 ALPHA BETA 0.14302440 0.23431750 0.84031302 0.17553300 0.97925287 0.06504482 0.020 0.022 0.022 P(E>.01) FED 0.14428841 0.91447908 0.024 0.857 0.04721470 0.74801402 0.034 0.857 0.08751158 1.04400203 0.011 0.357 ALPHA BETA 0.14156060 0.87287472 0.015 0.427 0.16744751 0.87953637 0.025 0.714 0.12500151 0.91270232 0.013 0.429 0.08724941 1.00797701 0.013 0.429 0.03444000 1.3**0358778** RMS P(E>.01) ALPHA BETA RMS 0.00421305 2.40297211 0.017 0.03453103 1.60639405 0.014 0.357 0.10081470 1.14047197 0.020 0.10597030 1.10127404 0.017 0.03371104 1.34001003 0.012 0.214 0.03610573 1.44375396 0.007 0.03054253 0.01109252 2.10997295 0.026 0.429 1.40731201 0.01187073 1.90171597 0.011 0.429 ALPHA BETA 0.05234042 1.30885877 0.012 0.284 0.02795721 1.43254702 0.011 0.429 0.01444432 1.87537003 0.015 0.357 0.01015023 1.95272494 0.007 0.00637934 2.13610697 0.011 0.357 0.00410424 2.24723911 0.004 0.000 0.00161471 RMS P(E>.01) MAY ALPHA BETA RHS P(E>.01) 0.00237404 2.44116700 0.007 0.214 0.02612541 1.45528400 0.013 0.286 0.02755127 1.50127995 0.016 0.443 0.00819292 2.08577394 0.011 0.357 0.90094373 2.84841393 0.004 0.000 0.00135638 2.34474005 0.003 0.000 0.00075589 2.73201590 0.005 0.071 0.00011430 4.07534221 0.002 0.000 ALPHA BETA RHE 0.00193044 2.65256810 0.013 0.03945636 1.17937899 0.015 0.500 0.03092948 1.42231202 0.014 0.357 0.00509243 2.37893891 0.005 0.071 0.00040735 3.17498398 0.004 0.000 0.00043700 3.00447902 0.003 0.00164628 2.21154094 0.002 0.00166751 2.58290601 0.003 P(E>.01) JUL ALPHA BETA RMS P(E>.01) 0.01979389 1.27945304 0.013 0.571 0.02048744 1.63537705 0.016 0.429 0.01423031 1.02750905 0.021 0.443 0.00372119 2.57642498 0.007 0.143 0.00075327 3.70239711 0.003 0.000 0.00037175 3.19211292 0.003 0.000 0.00115439 2.52743292 0.002 0.000 0.00040518 3.32159400 0.008 0.214 0.04251002 1.32530999 0.019 0.371 0.00441796 1.70834506 0.008 0.143 ALPHA BETA 0.01122240 2.07337508 0.05493583 U.00179759 2.75315499 0.00081583 2.84578012 0.00144013 2.42379789 0.00121776 2.42291307 RMS P(E>.01) 0.013 SEP 0.00493497 2.41945199 0.030 0.784 0.07224178 1.23527704 0.023 0.714 0.17758290 0.84243837 0.017 0.857 0.09097043 1.13394701 0.012 0.357 0.02532085 1.56231797 0.006 0.143 0.01332477 1.48583202 0.003 0.02304153 1.34178398 0.009 0.143 0.00927399 2.19147601 0.023 0.500 ALPHA DETA RMS P(E>.01) OCT 0.35104541 0.30100118 0.024 ALPHA BETA 0.13078400 0.83430821 0.032 0.14103121 0.94132668 0.24777310 0.57172818 0.27937129 0.11097970 0.09020209 0.13502941 0.024 0.012 0.017 ALPHA BETA RMB P(E>.01) 0.11434500 0.99572033 0.022 0.443 0.14745279 0.00040400 0.018 0.443 0.17126260 0.81118777 0.017 0.500 0.25354081 0.71127888 0.013 0.500 0.22014929 0.74919192 0.011 0.571 0.21303210 0.74474100 0.014 0.500 0.19332570 0.75660722 0.011 0.429 0.10930210 1.15603197 0.016 0.571

0.19082411 0.83013189 0.014 0.429 0.25774550 0.75404153 0.014 0.443

0.20589620 0.87709433 0.016 0.643 0.22398280 0.81478202 0.013 0.14178399 0.84701238 0.011 0.08642037 1.06672204 0.025 0.837

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0.07155725 1.17647195 0.030 0.784

ALPHA BETA RHS P(E>.01) 0.14500030 0.90443132 0.017 0.643

FULDA AAF WBAHO35033											
MAL	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1000-2000	2100-2300			
ALPHA DETA RHS	0.04318251 1.44105700 0.033	0.141447 <b>9</b> 0 1.07442204 0.021	0.14610870 1.08195496 0.014	0.14817430 1.08575800 0.020	0.11327410 1.27454494 0.012	0.09745444 1.29941395 0.014	0.07830463 1.30613101 0.013	0.03230358 1.05570395 0.023			
P(E>.01)	0.714	0.643	0.443	0.443	0.429	0.571	0.500	0.571			
FED		•	•	•				•			
ALPHA	0.02279788	0.08470718	0.14779070	0.19321040	0.00824722	0.06484297	0.07334901	0.02497313			
DETA RHS	1.70497999	1.29352498 0.012	0.98424003 0.014	0.97805047 0.014	1.27243102	1.30280900	1.20210302	1.5726649B			
P(E>.01)	0.429	0.500	0.571	0.571	0.429	0.357	0.784	0.429			
HAR	•	•	•	•	•	•	•	•			
ALPHA	0.02588401	0.04434583	0.12505459	0.07373612	0.02443224	0.01348482	0.02009779	0.00894202			
BETA RMS	1.44074700	1.34903502 0.015	1.17105496	1.24683001	1.71572697 9.009	1.87779903	1.44334205	1.71750778			
P(E>.01)	0.357	0.443	0.500	0.429	0.143	0.143	0.286	0.071			
APR	•	•	•	•	•	•	•	•			
ALPHA	0.00246651	0.08495871	0.14710520	0.04124140	0.00172882	0.00074013	0.00190181	0.00013494			
BETA RHS	2.72464991 0.007	1.05234004	0.79484278 0.017	1.43282902	2.77344803 0.004	3.00345 <b>8</b> 02 0.004	2.41805105 0.004	4.07343514° 0.002			
P(E>.01)	0.143	0.500	0.500	0.357	0.000	0.000	0.000	0.000			
HAY	•	•		•	•	•					
ALFHA	0.00584454	0.10230400	0.11327860	0.01118678	0.00023462	0.00044131	0.00153400	0.00001137			
BETA RMS	1.45102799	0.74513970	0.88841343	1.83833098	3.54113273	2.58118105	2.07437205	4.99349717			
P(E>.01)	0.008 0.214	0.014 0.357	0.013 0.42 <del>9</del>	0.003	0.000	0.001	0.003	0.000			
JUN	•	•	•	•	•	•	•	•			
ALPHA	0.00237742	0.11381480	0.08808774	0.00247150	0.00000482	0.00007855	0.00018740	0.00011572			
DETA RHS	2.74514010 0.018	0.90711347 0.021	1.03580594	2.49640301 0.004	5.33293484 0.001	3.40840011	3.32469294	4.02966976			
P(E>.01)	0.857	0.443	0.443	0.000	0.000	0.000	0.000	0.000			
JUL	•	•	•	•	•	•	•	•			
ALPHA	0.01877590	0.12141480	0.10028020	0.00469279	0.07044310	0.00030975	0.00070722	0.40340577			
DETA RHS	1.03770004	0.94822669 0.021	1.02495577 0.013	2.33404994	3.02037404 0.004	3.08290911	2.57174902 0.001	1.35728705			
P(E>.01)	0.443	0.057	0.429	0.000	0.000	0.000	0.000	0.071			
AUS	•	•	•		•	•	•	•			
ALPHA	0.02133416	0.18258850	0.20751220	0.02946752	0.00033278	0.00038490	0.00027444	0.00114240			
DETA RMS	1.27063000 0.013	0.72527063 0.022	0.71348039 0.020	1.46432400	3.27477400 0.002	2.92513990 0.002	3.32937191 0.004	2.52471590 0.008			
P(E>.01)	0.500	0.714	0.643	0.284	0.000	0.000	0.000	0.214			
SEP	•	•	•					•			
ALPHA	0.12028390	0.40737510	0.47083770	0.14884799	0.00031379	0.00282224	0.00547112	0.01243497			
BETA RHS	0.44413998	0.34543030	0.38437101 0.027	0.83280949	7.00831795 0.003	2.28714397	7.02751473	1.54709804			
P(E>.01)	0.714	0.571	0.714	0.443	0.000	0.000	0.204	0.357			
<b>0</b> CT		•		•	•			•			
ALPHA	0.14984220	0.39138299	0.45541221	0.26709089	0.03403004	0.01730219	0.02809267	0.05574478			
SETA RMS	0.35 <b>0000</b> 71 0.033	0.40263879 0.032	0.38587041 0.032	0.43840228 0.025	1.55597496 0.009	1.87434261	1.57130396	0.80427147 0.025			
P(E>.01)	0.033	0.032	0.032	0.025	0.143	0.007	0 284	0.794			
HOV		•	•	•			•	•			
ALPHA	0.14444000	0.10474020	0.17108231	0.14913740	0.07901924	0.00297322	0.09865744	0.13410791			
BETA RHS	1.00291598	0.94524 <b>998</b> 0.027	0.87973231 0.025	0.91048312	1.2240 <b>8</b> 700 0.011	1.14044401	1.16406798	1.00343405 0.034			
P(E>.01)	0.857	0.784	0.057	0.786	0.500	0.500	0.371	0.857			
DEC	•	•	•	•	•	•	٠	•			
ALPHA	0.02081144	0.08554734	0.14711030	0.18878780	0.13283180	0.12004410	0.11777100	0.02459574			
BETA RMS	2.1041 <b>7798</b> 0.020	1.43424001	1.15918398 0.012	1.02190399	1.15325499 0.014	1.21142900	1.24190295 0.020	1.70774301 0.015			
P(E>.01)	0.500	0.571	0.286	0.929	0.443	0.443	0.571	0.357			

FURTH AAF WBANG34176											
MAL	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300			
ALPHA BETA RMS P(E>.01)	0.09073154 1.38809097 0.031 0.929	0.10193940 1.37124398 0.029 0.784	0.23540419 1.21989000 0.041 0.786	0.25839359 1.32925403 0.048 0.857	0.18019029 1.30866599 0.030 0.857	0.13452191 1.30971394 0.034 0.857	0.10472700 1.16709900 0.033	0.10841580 1.22884778 0.031 0.714			
FEB											
ALPHA BETA RMS P(E>.01)	0.13744560 1.63670678 0.038 0.057	0.10043890 1.84907804 0.044 0.714	0.12488340 1.79342500 0.028 0.786	0.11141320 1.71704400 0.037 0.714	0.05566289 1.86801302 0.027 0.571	0.06714740 1.61371100 0.020 0.357	0.16152491 1.39029300 0.038 0.857	0.21458840 1.35644305 0.046 1.000			
MAR		•	•	•				•			
ALPHA BETA RMS P(E>.01)	0.01829305 1.90364504 0.032 0.786	0.02178754 1.84797294 0.034 0.786	0.15124280 1.23028400 0.014 0.714	0.09844777 1.50192702 0.020 0.443	0.03874927 1.65452898 0.021 0.714	0.02533063 1.01590497 0.017 0.643	0.02792739 1.48997395 0.011 0.143	0.02259124 1.48779494 0.011 0.357			
APR	•	•	•	•		•	•				
ALPHA BETA RMS P(E>.01)	0.02439740 0.42742711 0.004 0.143	0.00544647 2.00013208 0.020 0.857	0.02827795 1.89404199 0.009 0.214	0.01487364 1.98978198 0.015 0.500	0.00411572 2.21507001 0.010 0.214	0.00050348 3.15002002 0.007 0.143	0.00281241 2.02383304 0.004 0.000	0.01671238 0.42402339 0.004 0.000			
MAY	i	•	•	•	•	•	•	•			
ALPHA BETA RHS P(E>.01)	0.00027358 3.51661897 0.006 0.143	0.01091444 1.73835599 0.009 0.214	0.01458749 2.10311404 0.018 0.784	0.00113152 3.12954807 0.004 0.143	0.00020133 3.43534398 0.003 0.000	0.00000727 5.07278109 0.001 0.000	0.00025417 3.04754496 0.001 0.000	0.00073412 2.57384109 0.004 0.000			
JUN	•	•	•	•	•	•	•	•			
ALPHA BETA RHS P(E>.01)	0.00447888 1.65204278 0.006 0.143	0.01671210 1.57160294 0.015 0.714	0.01787128 2.06430101 0.013 0.286	0.00107716 3.15708078 0.008 0.143	0.00064787 3.09750700 0.006 0.071	0.00184445 2.59029388 0.005 0.071	0.00148776 2.60112671 0.004 0.009	0.00580950 1.53578901 0.008 0.143			
JUL	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	0.00167147 2.68359303 0.005 0.000	0.01525199 1.95547295 0.024 0.714	0.00339233 3.10667992 0.014 0.643	0.00004234 4.76413283 0.003 0.000	0.00000170 5.77062720 9.001 0.000	0.00002342 4.62077713 0.001 0.000	0.00002276 4.50028792 0.003 0.000	0.00047410 2.76334505 0.005 0.143			
AUS	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	0.00057849 3.17203307 0.007 0.143	0.02341169 1.36759405 0.028 0.857	0.02443344 2.01920700 0.032 0.857	0.00259118 2.94501994 0.004 0.000	0.00013264 4.01701307 0.005 0.071	0.00005152 4.20203475 0.005 0.143	0.00000174 5.87400482 0.002 0.000	0.00082434 2.72582507 0.017 0.286			
SEP	•	•	•	•	•	•	•				
ALPHA BETA RMS P(E>.01)	0.01300355 2.18465791 0.012 0.500	0.10241070 1.25240400 0.054 0.857	0.21950540 0.86026222 0.035 0.786	0.07468048 1.29528404 0.011 0.500	0.01042844 1.91938400 0.012 0.286	0.00240994 2.50489402 0.008 0.214	0.00022934 3.74134598 0.007 0.143	0.00102939 3.3288889 0.008 0.214			
DCT	•	•	•	•	•	•		•			
ALPHA BETA RMS P(E>.01)	0.027 <b>93599</b> 1. <b>90</b> 0137 <b>94</b> 0.017 0.357	0.04313027 1.98738098 0.025 0.429	0.24837480 1.16434205 0.020 0.786	0.14634110 1.36356199 0.026 0.714	0.02445915 1.95443797 0.014 0.214	0.00454616 2.68727493 0.008 0.286	0.00714126 2.47526301 0.017 0.300	0.02497453 1.98059499 0.017 0.571			
MOV	•	•	•	•	•	•					
ALPHA DETA RHS P(E>.01)	0.07721407 1.44453404 0.024 0.571	0.67277950 1.62102199 0.017 0.500	0.10132090 1.35417593 0.012 0.284	0.09424704 1.50890803 0.018 0.429	0.02379014 2.02473092 0.014 0.357	0.02015A44 1.88594805 0.011 0.143	0.08070472 1.38743306 0.024 0.714	0.09750766 1.38456896 0.020 0.643			
ALPHA BETA RMS P(E>.01)	0.23545329 1.12234702 0.032 0.784	0.17500409 1.35503399 0.034 0.857	0.20145190 1.55780497 0.025 0.714	0.24041180 1.41105407 0.033 0.857	0.08578439 1.74031005 0.023 0.571	0.11031690 1.73344102 0.030 0.786	0.21444111 1.22442400 0.033 0.714	0.23276600 1.20310795 0.038 0.500			

# PARAMETERS AND MEASURES OF ERROR IN THE MEIBULL DISTRIBUTION - VISIBILITY GABLINGEN AAF MEANO34194

			ONDE INGE		4170			
JAN	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300
ALPHA	********	0.18052959	0.20399740	0.21032040	0.12322230	0.12478750	0.14834570	********
DETA	*********	1.04748704	1.10405495	1.16391504	1.34077404	1.24000595	1.12774899	********
RMS	****	0.029	0.020	0.033	0.027	0.024	0.024	****
P(E>.01)	*****	0.784	0.929	0.714	0.714	0.714	0.571	*****
FED		•	•	•	•		•	
ALPHA	********	0.07423971	0.10474770	0.09150819	0.03718609	0.02069761	0.04571636	*******
BETA	*********	1.35401797	1.27913797	1.40363896	1.61135304	1.00578601	1.49361002	********
RMS	****	0.014	0.017	0.019	0.017	0.007	0.021	*****
P(E>.01)	*****	0.500	0.643	0.643	0.643	0.214	0.643	****
HAR	•	•	•	•	•	•	•	•
ALPHA	********	0.10725290	0.14279550	0.10437800	0.04619959	0.03700471	0.03729077	********
DETA	********	1.09294799	1.00590801	1.22991002	1.37465674	1.38486495	1.44507878	*******
RHS	****	0.021	0.028	0.029	9.018	0.013	0.014	****
P(E>.01)	****	0.500	0.714	0.784	0.643	0.500	0.500	*****
APR	•	•	•	•				
ALPHA	********	0.02917441	0.04594852	0.01914224	0.00899479	0.00328747	0.00360287	********
BETA	********	1.44872077	1.52183294	1.74542499	1.81141776	2.15777993	2,17708111	*********
RMS	****	0.016	0.014	0.011	0.004	0.004	0.004	*****
P(E>.01)	****	0.500	0.443	0.429	0.071	0.071	0.000	*****
MAY		•	•	•		•	•	
ALPHA	********	0.02717843	0.01795203	0.00285133	0.40037159	0.00038982	0.00034040	********
DETA	*******	1.44844598	1.84095905	2.31439409	2.94100593	2.93319392	3.14554904	********
RMS	****	0.019	0.017	0.007	0.001	0.001	0.002	
P(E>.01)	*****	0.784	0.714	0.214	0.000	0.000	0.000	*****
HUL					•	•	•	
ALPHA	********	0.03995955	0.01245488	0.00172047	0.00052403	0.00074133	0.00144804	*****
BETA	*******	1.48007578	2.13451290	2.75513401	3.07977009	2.45581989	2.47535801	3244884668
RMS	*****	0.025	0.012	0.004	0.003	0.001	0.001	*****
P(E>.01)	*****	0.714	0.357	0.071	0.000	0.000	0.000	****
JW.				•	•		•	
ALPHA	0.00439025	0.03487705	0.01993215	0.00124771	0.00041294	0.00040370	0.00027312	0.00342372
DETA	2.52757495	1.61345601	1.86229002	2.89334407	3.01084399	2.45822911	3.28623796	2.70247770
RMS	0.035	0.017	0.013	0.002	0.001	0.001	0.004	0,616
P(E>.01)	0.500	0.786	0.784	0.000	0.000	0.000	0 000	0.357
AUG					•		•	
		0.09991385		0.01400010				
ALPHA BETA	0.03712245 1.43101799	1.0780775	0.07212544 1.28038094	1.81874299	0.00094174 2.89044809	0.00046686 3.04158996	0.00234809 2.34511399	0.01343028 1.79887199
RHS	0.014	0.019	0.021	0.007	0.002	0.002	0.003	0.011
P(E>,01)	0.443	0.500	0.571	0.429	2.000	0.000	0.000	0.500
SEP							_	
	•		•					•
ALPHA	0.00251883	0.22207910	0.31169211	0.12859941	0.01419261	0.00450245	0.00396238	********
DETA RHS	2.15949300 0.033	0.70306879 0.021	0.52989882	0.87424010	1.74806595	2.12916088	2.20549202	*****
P(E>.01)	0.035	0.021	0.016	0.011 0.357	0.009 0.357	0.004	0.009	*****
OCT	0.427	V.043	0.300	0.33/	0.337	01143	V.200	••••
	•		•		•			
ALPHA Deta		0.27144659 0.7522 <b>0</b> 739	0.36431491 0.67755342	0.18373440 0.94030551	0.04184287 1.44459901	0.02554024 1.44457297	0.07310047	********
RHS	****	0.024	0.024	0.020	0.010	0.007	0.012	11111
P(E>.01)	****	0.371	0.643	0.443	0.357	0.214	0.429	****
HOV		•			•			
ALPHA	******	0.19133750	0.20073821	0.17923079	0.11048540	0.12348170	0.13744279	*******
DETA	*********	0.99465529	0.93140421	1.03478101	1.11572897	1.04134500	1.14735174	********
RHE	11111	0.027	0.020	0.030	0.014	0.012	0.022	*****
P(E>.01)	****	0.786	0.714	0.957	0.571	0.286	0.837	****
DEC	•	•	•	•	•			•
ALPHA	********	0.12225310	0.14134150	0.18349400	0.11549520	0.11448100	0.11088430	********
DETA	********	1.07528494	1.98049578	1.00632398	1.26077404	1.20839095	1.23817503	*******
RMS		0.024	0.022	0.030	0.036	0.025	0.025	****
P(E>.01)	****	0.714	0.643	0.784	0.929	0.714	0.786	****

DIEBELSTADT AUX AF MBAM634036											
JAN	0000-0200	0300-0500	0400-0800	0700-1100	1200-1400	1500-1700	1800-2000	2100-2300			
ALPHA BETA RMB	0.07452447 1.18134201 0.025	0.04 <b>08</b> 7644 1.36522603 0.026	0.12140040 1.12294794 0.021	0.15662920 1.04788399 0.014	0.11748210 1.12048498 0.014	0.09191447 1.18934598 0.011	0.04971180 1.32517400 0.017	0.12028590 1.07202494 0.044			
P(E>.01)	0.571	0.500	0.714	0.429	0.500	0.206	0.571	0.727			
FED	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	*********	0.02559163 1.47286403 0.031 0.057	0.20457870 0.71214783 0.015 0.500	0.21124050 0.77483350 0.024 0.857	0.13238239 0.95314172 0.032 0.784	0.11979030 0.99500239 0.029 0.714	0.01970484 1.39723802 0.014 0.714	14121 14121 14121 14121			
HAR		•									
ALPHA BETA RMS P(E>.01)	0.03170711 1.39744499 0.025 0.714	0.02240725 1.44843798 0.017 0.443	0.07048694 1.28605103 0.014 0.500	0.08042542 1.27898894 0.019 0.571	0,03497998 1,40104997 0,012 0,429	0.01533733 1.48087804 0.010 0.214	0.00472148 2.12524894 0.009 0.143	0.00997789 2.04085992 0.017 0.429			
APR	•	•	•	•	•						
ALPHA BETA RMS P(E>,01)	********** ********** *****	0.04732210 1.25388574 0.034 0.714	0.04894010 1.20295093 0.011 0.429	0.00794763 1.95345902 0.010 0.357	0.00374235 2.10926009 0.003 0.000	0.00219423 1.89014995 0.002 0.000	0.00076152 1.79714301 0.003 0.000	**********			
MAY	•	•		•	•			•			
ALPHA BETA RMS P(E>.01)	**********	0.00515914 2.41489410 0.008 0.284	0.02413774 1.5873\$400 0.014 0.500	0.00877485 1.75743303 0.010 0.284	0.000A2521 2.77403102 0.003 0.000	0.00028476 2.99741411 0.001 0.000	0.00000194 5.93465409 0.001 0.000	0.00004306 4.27406502 0.006 0.143			
JUN	•		•		•		•				
ALPHA BETA RMS P(E>.01)	0.00011877 4.29019490 0.009 0.429	0.03234151 1.34512904 0.015 0.443	0.01494391 1.72192502 0.012 0.571	0.00255010 2.12737811 0.002 0.000	0.00172815 1.72564402 0.003 0.000	0.00086751 2.02883601 0.001 0.000	0.00001147 4.58917094 0.001 0.000	0.00003708 4.45277786 0.002 0.000			
JUL							•				
ALPHA BETA RNB P(E>.01)	0.00007444 4.72 <b>868</b> 470 0.007 0.143	0.00282724 3.01549497 0.010 0.284	0.01432045 1.84559500 0.010 0.357	0.00463160 2.13031602 0.003 0.000	0.90302058 1.49844198 0.003 0.000	0.00297033 1.66491497 0.003 0.000	0.00014278 3.00775302 0.001 0.000	0.00000041 7.24639797 0.004 0.000			
AUG	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.G1)	0.00009194 4.63429117 0.009 0.357	0.00253018 3.11874890 0.017 0.286	0.02690548 1.52189600 0.007 0.071	0.00484714 2.04589405 0.003 0.000	0,0002 <b>082</b> 9 2,970 <b>80</b> 998 0,001 0,000	0.00002503 4.07884312 0.001 0.000	0.00000575 5.31848383 0.001 0.000	0.00011597 4.16322708 0.010 0.429			
967	•	•	•		•			•			
ALPHA BETA RHS P(E>.01)	0.00478494 2.32809401 0.014 0.286	0.04347450 1.39537799 0.034 0.857	0.07751448 0.77437412 0.012 0.427	0.02183652 1.42891495 0.011 0.286	0.00675322 1.84201205 0.005 0.071	0.00484722 1.40342101 0.005 0.000	0.00437244 1.44232800 0.007 0.286	0.00405416 2.37027503 0.013 0.357			
DCT	•	•	•	•	•	٠	•				
ALPHA BETA RNS P(E>.01)	0.04491745 1.80351403 0.043 0.857	0.10444540 1.43022001 0.045 0.729	0.27434030 0.82224399 0.034 0.857	0.17481090 0.88949478 0.024 0.371	0.04907887 1.24371195 0.009 0.286	0.01954645 1.40250199 0.009 0.214	0.01040429 1.05194304 0.010 0.204	0.04520150 1.55807794 0.022 0.571			
NOV	•	•	•	•	i	•					
ALPHA BETA RHS P(E>.01)	0.07314257 1.34544104 0.025 0.786	0.10457330 1.46225595 0.034 0.786	0.17070817 1.14584378 0.014 0.427	0.16447201 1.03342295 0.019 0.643	0.04797593 1.34361694 0.016 0.505	0.05048432 1.47198200 0.015 0.357	0.04410970 1.53217995 0.023 0.300	0.05787769 1.54337895 0.020 0.500			
DEC	•	•	•	•	ě.	•	•	•			
ALPHA DETA RHS P(E>.01)	0.1303 <b>0</b> 471 1.39414799 0.034 0.714	0.14939541 1.36233405 0.036 0.786	0.11293300 1.33750200 0.020 0.443	0.14013570 1.13234178 0.018 0.500	0.10850030 1.1733A404 0.014 0.429	0.10708540 1.14864702 0.011 0.357	0.14245101 1.10445401 0.023 0.443	0.13659190 1.2544#799 0.033 0.#43			

### GRAFEHWOHR AAF WBANG34189

JAN	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300
A1 B114								
ALPHA Beta	0.15744421 1.53287778	0.14815880 1.57315874	0.17772727 1.44458401	0.21043129	0.12040240	0.10703000	0.15272950	0.17467029
RHS	0.038			1.28041303	1.40440098	1.43017574	1.40920494	1 - 42784202
		0.035	0.025	0.022	0.019	0.018	0.034	0.035
P(E>.01)	0.857	0.443	0.643	0.784	0.571	0.443	0.704	0.714
FED	•	•	•	•	•	•	•	
ALPHA	0.12450280	0.12509230	0.22439389	0.20847740	0.07227484	0.04147203	0.09235410	0.10048710
BETA	1.36551295	1.43401802	1.09824674	1.08798397	1.34624600	1.49977505	1.58579475	1.50041497
RHS	0.030	0.029	0.019	0.014	0.017	0.009	0.027	9.031
P(E>.01)	0.714	0.714	0.443	0.571	0.443	0.214	0.571	0.714
HAR								
ALPHA	0.07879391	0.11034780	0.17840250	0.07318034	0.01893740	9.01447480	0.03028347	0.04722523
BETA	1.47847474	1.34877501	1.14323902	1.40939405	1.77137500	1.73481476	1.84038297	1.70132005
PMS	0.018	0.017	0.018	0.015	0.013	0.016	0.021	0.020
P(E>.01)	0.714	0.443	0.443	0.571	0.357	0.429	0.357	0.784
	****	••••	******	0.07.1	V1337	0.42	0.557	V.,, U.
APR	•	•	•	•	•	•	•	•
ALPHA	0.03979242	0.11870480	0.13544780	0.01385541	0.00159141	0.00107434	0.00375485	0.01041579
DETA	1.54314495	1.13413498	1.14155493	2.07387400	2.88038301	2.97929492	2.47811508	2.12390911
RMS	0.017	0.021	0.017	0.013	0.004	0.002	0.009	0.015
P(E>.01)	0.714	0.714	0.571	0.357	0.000	0.000	0.143	0.357
MAY	•	•	•	•	•		•	•
ALPHA	0.04037315	0.14080410	0.10798240	0.00440317	0.00029544	0.00005135	0.00032445	0.00349034
DETA	1.34112094	0.87457428	1.04987405	2.41820097	3.54832504	4.42463923	3.53888702	2.54010509
RHS	0.023	0.029	0.021	0.008	0.004	0.001	0.004	0.013
P(E>.01)	0.786	0.784	0.443	0.214	0.000	0.000	0.000	0.337
Jun		_	_					
	·	•	•	•	•	•	•	•
ALPHA	0.01201777	0.11329650	0.05573386	0.00074653	0.00025468	0.00043648	0.0005043.	0.00415338
BETA	2.05431208	1.01504305	1.38034296	3.25048590	3.49125504	3.11038709	3.17927694	2.37464309
RMB	0.021	0.029	0.027	0.004	0.003	0.001	0.002	0.008
P(E>.01)	0.714	0.786	0.704	0.071	0.000	0.000	0.000	0.214
JUL		•	•			•	•	
ALPHA	0.01301554	0.10221540	0.04034035	0.00040429	0.00024252	0.00025138	0.00014259	0.00057273
BETA	1.98921704	1.17454301	1.51704705	3.78474998	3.32320404	3.29237008	3.45442087	3.48044378
RHS	0.021	0.023	0.017	0.005	9.004	0.002	0.004	0.010
P(E>.01)	0.714	0.714	0.443	0.143	0.000	0.000	0.000	0.284
AUG	•	•	•	•	•	•	•	•
ALPHA	0.02443747	0.13051870	0.14244320	0.00831955	0.00028472	0.00157205	0.00155180	0.00431433
BETA	1.73818175	1.05852795	1.00372877	2.28414304	3.40333109	2 - 43950295	2.48345502	2.21936488
RHS	0.010	0.031	0.025	0.007	0.002	0.004	0.008	0.008
P(E>,01)	0.714	0.057	0.643	0.143	0.000	0.000	0.143	0.214
SEP	•	•	•			•		•
ALPHA	0.14458741	0.32493999	0.365+0340	0.04030437	0.00440229	0.00414839	0.00577302	0.01424108
BETA	0.90910172	0.47784109	0.67883458	1.39746300	2.12885499	1.92173803	2.24559711	1.97544805
RNS	0.038	0.034	0.021	0.021	0.008	0.005	0.013	0.027
P(E>.01)	0.857	0.929	0.571	0.714	0.143	0.000	0.286	0.857
DCT		•						
ALPHA BETA	0.24048010 0.84231428	0.33176851 0.77491758	0.39586321 0.72777849	0.15448070 1.08852378	9.01252346 2.12607193	0.00522780 2.51483573	0.02062636	0.07707864
RME	0.044	0.7/671/38	0.72777849	0.031	0.011	0.009	0.016	0.038
P(E).41)	0.727	0.943	0.036	0.031	0.011	0.007	0.016	1.000
-	4.747	V1747	V-93/	V.83/	V.33/	0.33/	0.700	
HOV	•	•	•	•	•	•	•	•
ALPHA	0.14185300	0.14135430	0.18894280	0.15504581	0.94546910	0.04945378	0.00764467	0.10817080
BETA	1.18808777	1.14434703	1.12532902	1.13535404	1.37824097	1.35779405	1.34042404	1.30280197
PHS	9.021	0.024	0.020	0.010	0.014	0.011	0.019	0.017
P(E).01)	0.786	1.000	0.443	0.429	0.214	0.357	0.427	0.714
PEC	•	•	•			•		•
ALPHA	0.12515450	0.12746710	0.14237110	0.14180331	0.10242520	0.10307030	0.12751999	0.12493420
PETA	1.47354490	1.44735475	1.42184804	1.32873702	1.47149402	1 - 45334005	1.43071401	1.49213400
AME	0.029	0.032	0.022	0.014	0.013	0.018	0.032	0.030
P(E>.01)	0.727	0.929	0.786	0.429	0.500	0.371	0.784	0.443

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HAHN	A.B.	WPAN#34055	

MAL	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300
ALPHA	0.30021411	0.33129191	0.37000040	0.38365301	0.28112280	0.25318131	0.23557441	0.24395929
BETA	0.67754960	0.45749088	0.58484739	0.40442147	0.44458913	0.70213377	0.73444310	0.48873319
RMS	0.022	0.026	0.014	0.013	0.011	0.012	0.015	0.015
F(E .01)	0.786	0.443	0.443	0.500	0.429	0.286	0.443	0.714
FEB	•	•	•	•	•	•	•	•
ALPHA	0.18858470	0.22417620	0.29225469	0.23552090	0.14482900	0.14201580	0.14015440	0.14903520
BETA	0.84006349	0.85242027	0.75120080	0.79399621	0.85164672	0.94858898	0.93777537	0.92225468
RMS P(E>.01:	0.015 0.643	0.015	0.017 0.500	0.014	0.014 0.357	0.012 0.429	0.013 0.714	0.017 0.571
MAR	0.043			0.417	0.337	0.427		0.3/1
*****		,		•	•	•	•	
ALPHA Beta	0.06239713	0.11982360 0.93381327	0.14831990	0.09059478 1.01004403	0.04607453 1.07250202	0.03856244 1.15771604	0.03449041 1.39378703	0.05394308
RMS	0.009	0.011	0.013	0.010	0.007	0.009	0.009	0.008
P(E>.01)	0.286	0.206	0.429	0.284	0.143	0.214	0.357	0.286
APR	•		•	•	•	•		•
ALPHA	0.02391821	0.06790920	0.09459299	0.03764957	0.01979181	0.01470037	0.02285004	0.02224453
BETA	1.38798499	1.02611494	0.80144761	1.04059401	1.15364897	1.23424101	1.17081904	1.22619104
RMS P(E>.01)	0.010 0.284	0.010 0.429	0.008 0.286	0.004 0.071	0.004	0.004	0.004	0.008 0.071
	0.286	0.427	0.200	0.071	0.000	0.071	0.071	0.071
MAY	•	•	•	•	•	•	•	•
ALPHA	0.03309229	0.08959133 0.85158741	0.04307749	0.02215360	0.00881734	0.00404855	0.01126272	0.01513343
BETA RMS	1.17585099 0.004	0.000	0.94874881	1.12492394	1.28937805	1.748880F8 0.002	1.43077305	1.42293096
P(E>.01)	0.071	0.143	0.357	0.000	0.000	0.000	0.000	0.071
HUL	•							•
ALPHA	0.03487931	0.09527515	0.04339233	0.01582207	0.00546867	0.00944571	0.02183105	0.03013519
BETA	1.17421401	0.8058810A	0.98290410	1.46247607	1.78158104	1.44275498	1.15214598	1.07403002
RMS	0.008	0.007	0.004	0.004	0.004	0.004	0.007	0.005
P(E 01)	0.286	0.143	0.071	0.143	0.000	0.000	0.143	0.071
JUL	•	•	•	•	•	•	•	•
ALPHA	0.02250207	0.05845229	0.04769163	0.01103757	9.00374289	0.00406454	0.00723462	0.01066913
DETA RMS	1.37539804	1.08341098	1.14822495	1.54854298	1.61667097	1.54289198	1.52794698	1.58680701
F(E' .01)	0.071	0.143	0.006	0.004	8:888	8:083	0.002	0.000
AUG		•	•	•	•			
ALPHA	0.04398146	0.11194120	0.09832283	0.01751099	0.00848299	0.00749640	0.01489515	0.02473432
BETA	1.12563896	0.83209240	0.96965712	1.58228400	1.49771202	1.55017996	1.37262797	1.28050005
RMS	0.008	0.008	0.009	0.006	0.004	0.003	0.003	0.005
P(E'.01)	0.143	0.357	0.214	0.071	0.000	0.000	0.000	0.071
SEP	•	•	•	•	•	•	•	•
ALPHA	0.06379966	0.13380811	0.15023620	0.03735452	0.01571097	0.01280921	0.02590996	0.03317911
BETA RMS	1.04521000	0.79900092 0.008	0.75094668 0.009	1.19952595	1.16344595	1.33398294	1.27037802 0.004	1.24731696
P(E>.01)	0.214	0.286	0.143	0.143	0.000	0.003	0.000	0.286
OCT		•	•	ř	•	•	4	
ALPHA	0.24109250	0.29361799	0.37226731	0.17980820	0.08108213	0.09144220	0.11583220	0.17213769
DETA	0.42132210	0.42203228	0.49583250	0.71918207	0.91339439	0.87016529	0.88173890	0.48245578
RMS	0.010	0.012	0.011	0.012	0.011	0.012	0.017	0.012
P(E>.01)	0.357	0.429	0.571	0.500	0.357	0.571	0.443	0.443
HOU	•	٠	•	•	•		•	•
ALPHA	0.15199120	0.20133279	0.23243991	0.19142310	0.11907680	0.13095289	0.13466901	0.15091489
DETA RMS	0.75249139 0.015	0.66543168 0.014	0.61700219	0.67299098 0.013	0.75124040 0.007	0.70903808 0.010	0.72494119 0.011	0.645 <b>84587</b> 0.010
P(E>.01)	0.371	0.643	0.784	0.643	0.143	0.214	0.357	0.010
DEC								
ALPHA	0.32207141	0.34025019	0.34750041	A 115.00.A	A 37835631	0. 20002221	A 3831AA.	A 1100013:
BETA	0.41478019	0.54000042	0.34395450	0.33518840 0.42271559	0.27925971 0.43890980	0.29097271 9.45398509	0.28210241 0.63926142	0.31082171 0.40225981
RMS	0.016	0.015	0.016	0.012	0.010	0.019	0.017	0.016
P(E>.01)	0.714	0.714	0.784	0.357	0.357	0.857	0.784	0.643

# PARAMETERS AND MEASURES OF ERROR IN THE WEISULL DISTRIBUTION - VISIBILITY MANAU ARE WEAMSTOOS

			HANAU	AAF WBANG150	•			
JAN	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1300-1700	1800-2000	2100-2300
ALPHA BETA RHS P(E>.01)	0.08643911 1.51466799 0.022 0.571	0.10 <b>838380</b> 1.39741100 0.017 0.500	0.12079740 1.31720475 0.020 0.784	0.17425850 1.14277174 0.025 0.857	0.12092340 1.24045801 0.020 0.714	0.11143030 1.24094094 0.014 0.500	0.12183240 1.31993902 0.018 0.429	0.09401577 1.48193204 0.018 0.443
FEB			•	•	•		•	•
ALPHA BETA RMB P(E>.01)	0.04217844 1.37825274 0.015 0.357	0.07932958 1.35438104 0.014 0.429	0.13635939 1.13812101 0.014 0.571	0.15973219 1.04781900 0.013 0.429	0.09103326 1.21441195 0.010 0.214	0.07193977 1.21342802 0.013 0.571	0.03674642 1.38450098 0.014 0.571	0.04239538 1.51440397 0.013 0.479
MAR		•	•	•	•	•	•	
ALPHA BETA RHS P(E>.01)	0.01034111 2.23088298 0.008 0.214	0.02889097 1.01787503 0.009 0.143	0.07140429 1.50482294 0.013 0.429	0.03037229 1.64056003 0.009 0.143	0.01310993 2.08299804 0.007 0.143	0.00782521 2.15597200 0.010 0.143	0.00703584 2.14831701 0.007 0.143	0.00443780 2.37063406 0.005 0.143
APR	•	•	•	•	•	٠		•
ALPHA BETA RHS P(E>.01)	0.01340000 1.74845404 0.007 0.214	0.04053357 1.60308495 0.011 0.286	0.04487805 1.43326402 0.011 0.357	0.02347170 1.91484702 0.008 0.214	0.00272485 2.42041511 0.004 0.000	0.00054422 3.23274102 0.002 0.000	0.00144392 2.77342200 0.002 0.000	0.00587171 2.23725700 0.004 0.143
MAY	•	•	•	•	•	•	•	•
ALPHA BETA RMS P(E>.01)	0.01123303 1.70400004 0.007 0.143	0.04103201 1.447 <b>78877</b> 0.007 0.427	0.03800247 1.56868378 0.008 0.214	0.0040 <b>888</b> 7 2.4401 <b>9504</b> 0.003 0.000	0.00084187 2.83443704 0.002 0.000	0.00035373 3.07479074 0.002 0.000	0.00221327 2.18437505 0.003 0.000	0.00408135 2.32405710 0.004 0.071
JUN	•	•	•	•	•	•	•	
ALPHA BETA RMS P(E>.01)	0.01535515 1.78178875 0.007 0.427	0.04138402 1.50711999 0.010 0.429	0.02978474 1.48202198 0.008 0.214	0.00482732 2.37274707 0.005 0.000	0.00132839 2.47944790 0.005 0.071	0.00124540 2.47011477 0.002 0.000	0.00127144 2.53434300 0.002 0.000	0.00782949 2.01881099 0.003 0.200
JUL			•		•		•	•
ALPHA BETA RHS P(E>.01)	0.01526440 1.86016905 0.007 0.143	0.04493483 1.50939095 0.008 0.143	0.03673006 1.66275406 0.011 0.427	0.00439951 2.53997207 0.003 0.000	0.00030574 3.51945994 0.001 0.000	0.00038451 3.07918811 0.002 0.000	0.00047316 3.03766394 0.002 0.000	0.00'08269 2.29358101 9.006 0.143
AUG	•	•	•	•	•	•	•	•
ALPHA BETA RHS P(E>.01)	0.01885584 1.42012504 0.015 0.357	0.05407752 1.38817799 0.014 0.714	0.04959343 1.37483995 0.014 0.571	0.01040784 2.11494002 0.007 0.143	0.00111887 2.84407189 0.004 0.900	0.00032014 3.20234794 0.003 0.000	0.002+9441 2.14885994 0.004 0.000	0.00464245 2.23923302 0.006 0.357
SEP	•	•	•		•			
ALPHA BETA RHS P(E>.01)	0.05844497 1.42398500 0.009 0.143	0.12404800 1.14704277 0.018 0.784	0.16723750 1.05599797 0.018 0.714	0.03203027 1.30387094 0.007 0.143	0.90724239 2.13406990 0.006 0.143	0.00255849 2.48147407 0.002 0.000	0.01017060 1.87280605 0.005 0.071	0.01679551 1.73814678 0.008 0.143
OCT	•	•	•	•	•	•	٠	•
ALPHA BETA RMS P(E>.01)	0.13238980 1.10525403 0.032 0.784	0.21078210 0.70078381 0.023 0.443	0.29012001 0.80424798 0.024 0.784	0.17469290 1.01636004 0.023 0.786	0.04629911 1.32377498 0.013 0.357	0.03261935 1.58748102 0.012 0.286	0.00173122 1.29902506 0.010 0.786	0.09940203 1:20443702 C:022 0:441
HOV	•		•			•		
ALPHA DETA RMS P(E>.01) DEC	0.04701438 1.53441077 0.014 0.500	0.08914347 1.40954795 0.012 0.429	0.12544499 1.21462295 0.011 0.357	0.14348350 1.14395595 0.013 0.571	0.07049851 1.37340094 0.009 0.214	0.04907084 1.37241498 0.009 0.284	0.08662714 1.37001501 0.013 0.571	0.08447437 1.40205097 0.015 0.500
ALPHA BETA RMS P(E>.01)	0.05337372 1.48407404 0.013 0.500	0.08552274 1.41783402 0.017 0.571	0.11257480 1.34743701 0.018 0.357	0.14735210 1.14744479 0.018 0.371	0.09712299 1.37077999 0.013 0.429	0.11024190 1.27005394 0.014 0.357	0.10207370 1.37503077 0.018 0.357	0.07671840 1.53276474 0.016 0.357

HEIDELDERO AAF WDANO34046											
JAN	0000-0200	0100-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300			
ALPHA BETA RHS P(E>.01)	0.09392314 1.27834499 0.027 0.857	0.09577348 1.28530800 0.024 0.857	0.13251190 1.15907502 0.017 0.500	0.17268620 1.04186594 0.012 0.429	0.12962890 1.10303605 0.013 0.157	0.12977110 1.11580706 0.013 0.357	0.10544330 1.25003195 0.018 0.443	0.10242100 1.25386798 0.022 0.857			
FED											
ALPHA BETA RMB P(E>.OL)	0.11732100 1.13183094 0.022 0.443	0.12303040 1.13447578 0.023 0.786	0.19707340 0.91249958 0.013 0.357	0.17478460 0.75074327 0.013 0.500	0.12644580 1.04477499 0.016 0.714	0.11264640 1.09872901 0.013 0.714	0.10617780 1.18754504 0.013 0.357	0.07945873 1.21483898 0.018 0.784			
MAR	•	•		•	•	•	•	•			
ALPHA BETA RHB P(E>.01)	0.00784256 2.45261693 0.016 0.714	0.01831170 2.05224707 0.018 0.784	0.07553485 1.28342497 0.010 0.214	0.07441142 1.39384499 0.011 0.429	0.03248278 1.57454703 9.007 0.143	0.01498402 1.79439004 0.008 0.214	0.00#61803 2.28439102 0.009 0.214	0.00527538 2.41100808 0.013 0.429			
APR	•	•	•	٠	•	•	•	•			
ALPHA BETA RHB P(E>.01)	0.00278767 2.80770802 0.010 0.357	0.01377281 2.05827904 0.014 0.371	0.04413048 1.37903493 0.008 0.143	0.02249041 1.77420104 0.009 0.214	0.00450743 2.10041074 0.005 0.143	0.00184024 2.66454101 0.003 0.000	0.00127334 2.75375204 0.005 0.071	0.00121218 3.13943509 0.004 0.214			
MAY	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	0.00104705 3.26749301 0.004 0.000	0.009672 <b>0</b> 4 2.20771909 0.007 0.214	0.01647499 2.06432700 0.007 0.214	0.00472685 2.46412301 0.004 0.000	0.00073054 3.10150599 0.002 0.000	0.00087718 2.80308509 0.002 0.000	0.00073787 2.95459399 0.002 0.000	0.00037111 3.61708498 0.002 0.000			
JUN	•	•	•	•	•	•					
ALPHA BETA RMS P(E>.01)	0.00185667 2.78070100 0.005 0.000	0.02316438 1.77982795 0.008 0.214	0.02655663 1.74622774 0.007 0.214	0.00743245 2.18890095 0.003 0.000	0.00279543 2.31691203 0.002 0.000	0.00210263 2.27310395 3.001 0.000	0.00294430 2.25191903 0.002 0.000	0.00104178 3.10883478 0.004 0.000			
<b>JUL</b>	•			•	•		•				
ALPHA BETA RHS P(E>.01)	0.00177494 2.96356606 0.006 0.143	0.01431270 1.72887700 0.012 0.643	0.01815457 1.97000502 0.005 0.071	0.00323958 2.63751411 0.004 0.000	0.00080278 2.90930104 0.001 0.000	0.00049979 2.93232298 0.002 0.000	0.00107963 2.47494702 0.004 0.000	0.00073732 3.11381292 0.005 0.000			
AUG	•	•	•	•	•	•	•	•			
ALPHA DETA RHS P(E>.01)	0.00332340 2.41030507 0.004 0.000	0.01770014 1.890#3299 0.010 0.214	0.03343124 1.45310800 0.007 0.071	0.00893284 2.09340405 0.004 0.071	0.00252872 2.34458098 0.003 0.000	0.00161840 2.35032296 0.003 0.000	0.00131764 2.70177889 0.004 0.000	0.000 <b>0000</b> 3.16 <b>03</b> 0301 0.004 0.000			
167	•	•	•	•	•	•					
ALPHA BETA RHB P(E>:01)	0.01000184 2.19300389 0.013 0.714	0.07020424 1.275¢3403 0.025 0.857	0.13272730 1.07097995 0.013 0.357	0.04156925 1.52247298 0.007 0.143	0.00881938 1.95958400 9.004 0.071	0.00408741 7.22227001 0.004 0.071	0.00379231 2.44237208 0.004 0.143	0.00317911 2.71986198 0.006 0.143			
OCT			•	•	•			•			
ALPHA BETA RMB P(E>.01)	0.11021130 1.10165000 0.044 0.727	0.17201610 0.74070402 0.042 0.857	0.27448309 0.77472192 0.020 0.714	0,15362170 1,01795101 0.008 0.143	0.05861789 1.29949605 0.010 0.357	0.05213007 1.30309105 0.010 0.286	0.05254249 1.38474594 0.020 0.714	0.04547000 1.31848774 0.034 0.727			
NOV	•		•	•	•	•	•	•			
ALPHA BETA RHS P(E>.01)	0.10941290 1.17972505 0.030 0.929	0.11572120 1.17508474 0.034 0.784	0.18073080 0.96977371 0.019 0.571	0.14937060 1.04839001 0.011 0.286	0.10297350 1.17470002 9.011 0.357	0.10379880 1.17422795 0.014 0.429	0.08973613 1.26719201 0.025 0.857	0.09737824 1.22711205 0.027 0.786			
DEC	•	•	•	•	•	•	•	•			
ALPHA BETA	0.10837500 1.22755203	0.10842270 1.25262403	0.14445519 1.12178195	0.18052910 1.01004401	0.12744090 1.12543201	0.13271090 1.10105398	0.10742930 1.22963595	0.11082910			

# PARAMETERS AND MEASURES OF ERROR IN THE WEIDULL DISTRIBUTION - VISIBILITY ILLESHEIN AAF WBANG34170

ILLEGHEIN AAF WBANGJALPO											
MAL	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300			
ALPHA BETA RMS P(E>.01)	********** ***** *****	***********	0.12034630 1.18179594 0.016 0.643	0.12874590 1.14361000 0.016 0.643	0.07444720 1.40454200 0.014 0.429	0.09257914 1.32314205 9.014 0.429	0.19413370 1.21298877 0.050 0.784	********** ***** *****			
FEB	•	•	•								
ALPHA BETA RHS P(E>.01)	***************************************	*****	0.10714370 1.15543401 0.014 0.571	0.09724952 1.32943704 0.026 0.429	0.04208148 1.43435097 0.022 0.571	0.03144784 1.44271403 0.012 0.357	0.07165737 1.01507997 0.032 0.857	**********			
HAR	•	•	•	•				•			
ALPHA BETA RHS P(E>-01)	********** ***** *****	*****	0.11022330 0.77410441 0.014 0.427	0.07095103 1.26850903 0.011 0.143	0.02524617 1.54029799 0.009 6.143	0.00770953 2.07389488 0.004 0.071	0.000783°4 3.62785611 0.016 0.500	********** ***** *****			
APR	•	•	•	•	•	•	•	•			
ALPHA BETA RMB P(E>.01)	***********	***************************************	0.059#4140 1.30247402 0.010 0.214	0.01377834 1.81862497 0.006 0.071	0.00319578 2.15479803 0.000	0.00299135 2.10025610 0.004 0.000	0.00100049 0.00000000 0.004 9.071	*********			
MAY	•	•	•	•	•	•	•	•			
ALPHA BETA RHS P(E>.01)	0000000000 000000000 00000	********** ********* *****	0.04691937 1.31848401 0.067 0.214	0.00871802 1.96606190 0.010 0.286	0.00284450 2.19314504 0.005 0.143	0.00271448 1.91324198 0.003 0.000	0.00100049 0.00000000 0.010 0.071	*********** ********** *****			
JUH	•	•	•	-	•	•		•			
ALPHA BETA RHS P(E>.01)	***************************************	***************************************	0.05074785 1.25494099 0.010 0.284	0.00393729 2.37438893 0.004 0.214	0.00071549 2.97840392 0.004 0.000	0.00028577 3.20390105 0.003 0.000	0.00244820 2.07484198 0.020 0.357	**********			
JUL	•	•	•	•				•			
ALPHA BETA RHS P(E>.01)	**********	*****	0.03429004 1.44940901 0.010 0.429	0.00373439 2.37499404 6.007 0.143	0.00030807 3.21284870 0.002 0.000	0.00907366 3.84257793 0.003 9.000	0.00181810 1.81070402 0.014 0.284	********** ********* *****			
AUG	•	•	•	•							
ALPHA DETA RMS P(E>.01)	***************************************	**********	0.05810454 1.29990399 0.009 0.214	0.01040044 1.97779202 0.005 0.071	0.00212084 2.37575889 0.004 3.000	0.00184118 2.13070891 0.001 0.000	0.00100049 0.00000000 0.013 0.071	**********			
SEP	•	•	•	•		•	•	•			
ALPHA BETA RHB P(E>.01)	**********	**********	0.17447160 0.84417388 0.014 0.357	0.04302477 1.48288000 0.011 0.214	0.00667439 2.02830100 0.006 0.143	0.09134943 2.43388705 0.005 0.071	0.00083437 2.72445011 0.003 0.000	******			
OCT	•	•						,			
ALPHA BETA RMS P(E>.01)	*****	******	0.24901071 0.49024053 0.018 0.429	0.12446370 1.08890700 0.012 0.286	0.01448148 1.94424701 0.012 0.357	0.01084782 2.01553873 0.007 0.214	0.00481480 2.48044403 0.014 0.357	******			
HOV	•	•	•	•	•	•	•	•			
ALPHA BETA RMB P(E>.01)	100000000000000000000000000000000000000	******************	0.08447494 1.07744798 0.015 0.300	0.98247338 1.09878194 0.012 0.429	0.03129392 1.2 <b>0</b> 394100 0.013 0.371	0.04720897 1.12002802 7.012 0.143	0.04410#25 1.02754602 0.014 0.500	**********			
DEC	•	•	•	•	•	•	•	•			
ALPHA BETA RHB P(E>.01)	******	**************************************	0.04433370 1.40371004 0.012 0.337	0.07715379 1.38430199 0.018 0.300	0.04730792 1.37852101 0.013 0.286	0.04327727 1.40750094 0.015 0.284	0.09216283 1.41174405 0.034 0.443	**********			

### MITZINGEN AAF WBANG34191

					••••			
MAL	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300
ALPHA	0.04304437	0.04418148				0.07329845	0.06713840	0.04058490
DETA	1.80344174	1.76373203	0.08404755	0.14121430 1.17331195	0.08722211 1.33185377	1.37587595	1.64372098	1.74447203
RMS	0.015	0.015	0.013	0.009	0.012	0.011	0.007	0.011
P(E>.01)	0.500	0.571	0.427	0.284	0.571	0.429	0.143	0.357
, ,,,,,,,	******	****	41.727	V.144	0.3/1	0.427	V.143	0.23/
FEB	•	•	•		•	•		
ALPHA	0.05343214	0.05745387	0.08404974	0.09178541	0.04796642	0.03249432	0.05022974	0.05054244
BETA	1.40827398	1.44528704	1.40732002	1.22100404	1.44315505	1.41398101	1.55519199	1.57700704
RMS	0.014	0.011	0.010	0.013	0.010	0.010	0.010	0.009
P(E>.01)	0.357	9.300	0.284	0.571	0.429	0.357	0.357	0.284
HAR	•	•	•	•	•	•	•	•
ALPHA	0.01204583	0.02402149	0.07315025	0.05458232	0.01763131	0.00794437	0.00707468	0.00834847
BETA	2.22382212	1.93417597	1.29578495	1.32210505	1.42442899	1.87747802	2.12044102	2.30244899
RMS	0.004	0.008	0.010	0.010	0.007	0.003	0.004	0.004
P(E>.01)	0.143	0.284	0.357	0.284	0.214	0.000	0.000	0.000
APR								
AFR	•	•	•	•	•	•	•	•
ALPHA	0.00242844	0.00718280	0.02987689	0.00942277	0.00068242	0.00013932	0.00074636	0.00044347
BETA	2.80440200	2.23100003	1.58006897	1.94495499	2.84622607	3.48349190	2.89104107	3,29561496
RMS	0.004	0.009	0.009	0.007	0.001	0.001	0.001	0.005
P(E>.01)	0.143	0.143	0.143	0.214	0.000	0.000	0.000	0.071
MAY				_	_	_	_	
	•	•	•	•	•	•	•	•
ALPHA	0.00040477	0.00742044	0.01704719	0.00302953	0.00034548	0.09012417	0.00021338	0.00070396
DETA	3.37190509	2.04557408	1.80285299	2.27378407	2.76197598	3.13284302	3.14152789	3.05893474
RMS	0.003	0.004	0.007	0.005	0.001	0.001	0.001	0.002
P(E>.01)	0.000	0.143	0.143	0.071	0.000	0.000	0.000	0.000
JUN								
			· · · · · · · · · · · · · · · · · · ·					
ALPHA	0.00128277	0.00953321	0.02541750	0.00310799	0.00104488	0.00037213	0.00027152	0.00021242
DETA BHR	2.74077804	2.05472589	1.48957705	2.15862707 0.002	2.35712504	2.49327007	2.94777393	3.43302588
P(E>.01)	0.003	0.005	0.004	0.002	0.002	0.001	0.002	0.001 0.000
P(E>.01)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
JUL		•		•	•	•		
ALPHA	0.00024228	0.00774122	0.02031904	0.00344357	0.00104755	0.00153736	0.00082742	0.00022147
DETA	3.81841898	2.24279404	1.48133104	2.15293097	2.05132499	1.42480399	2.14057110	3.43498092
2112	0.001	0.004	0.005	0.005	0.001	0.001	0.001	0.002
P(E>.01)	0.000	0.000	0.000	0.071	0.000	0.000	0.000	0.002
	*****	*****		*****	*****	******	*****	******
AUB	•	•	•	•	•	•	•	•
ALPHA	0.00109820	0.01222184	0.04782524	0.01244361	0.00213866	0.00047244	0.00030440	0.00047838
BETA	3.09449709	1.99355402	1.27410901	1.67499206	2.02930498	2.26647711	3.09243972	3.33309403
RHS	0.003	0.010	0.010	0.005	0.002	0.001	0.001	0.002
P(E>.01)	0.000	0.714	0.357	0.143	0.000	0.000	0.000	0.000
BEP				•		•	•	
A1 A115		4 44444						
ALPHA	0.00743243	0.07129730	0.21333469	0.04137592	0.00575655	0.00174497	0.00110124	0.00174450
BETA RMS	2.31597090	1.25123094	0.49332159	1.13963997	1.92840997	2.13091707	2.79547095	2.90074801
P(E>.01)	0.011	0.025 0.784	0.018	0.008 0.143	9.005 0.000	0.002	0.003	0.004
F(E)(VI)	0.043	V./88	0.714	V.143	0.000	0.000	0.000	0.000
DCT	•	•	•		•	•		
ALPHA	0.08357190	0.21442059	0.32894939	0.17003740	0.02282375	0.01012950	0.01790291	0.02387448
DETA	1.27140001	0.84767032	0.58434710	0.79542643	1.54020106	1.77712300	1.03005501	1.83987105
ANS.	0.027	0.040	0.025	0.014	0.005	0.005	0.008	0.014
P(E>.01)	0.784	0.929	0.857	0.500	0.071	0.000	0.284	0.714
MOV								-
					-			
ALPHA	0.04034703	0.04340710	0.00941454	0.09021530 1.15771997	0.03892212 1.47922397	0.04277328	0.04903929	0.05200043
PETA RHS	1.58248178	1.49019802	1.27395296	0.014	0.009	1.39136398	1.53726995 0.018	1.51417003
PMS P(E>.01)	0.018 0.643	0.018 0.300	0.017	0.714	0.007	0.010 0.284	0.018 0.443	0.018 0.784
DEC	•	•	•	•	•	•	•	•
ALPHA	0.04791120	0.04473575	0.07378702	0.10294210	0.04371740	0.05784500	0.05398543	0.04583781
		1.74417278	1.57771204	1.24246977	1.40844095	1.47938204	1.72109499	
DETA	1.71450202		1.3///1200					1.67943104
RMS P(E>.01)	1.71430202 0.015 0.571	0.014 0.714	0.012	0.011	0.004	0.005	0.004	0.012 0.571

MURNOERQ MDANO34177											
JAN	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300			
ALPHA BETA RHS P(E>.01)	0.04107304 1.45019202 0.024 0.571	0.04040253 1.45047776 0.024 0.571	0.10493740 1.52616799 0.032 0.786	0.11234030 1.48556700 0.020 0.443	0.03997423 1.34932093 0.011 0.204	0.05953063 1.67400002 0.013 0.429	0.04558574 1.48253100 0.021 0.500	0.04875290 1.59998202 0.023 0.443			
760	•							•			
ALPHA BETA RMS P(E>+01)	0.07473026 1.27440403 0.023 0.443	0.10409570 1.25321305 0.024 0.443	0.13900711 1.29427299 0.019 0.571	0.11044280 1.28450574 0.013 0.500	9.04700591 1.45947003 0.013 0.429	0.0504 <b>8349</b> 1.50021401 0.013 0.443	0.04499459 1.48131704 0.015 0.500	0.07494514 1.40429306 0.019 0.571			
MAR	٠	•	•	•	•	•					
ALPHA SETA RHS P(E>.01)	0.02249341 1.96319497 0.011 0.357	0.03693244 1.73328994 0.012 0.429	0.07441855 1.54591201 0.013 0.284	0.03424740 1.47012000 0.007 C.143	0.00740401 2.11877400 0.005	0.00747965 2.12200189 0.004 0.000	0.01554953 2.08561206 0.007 0.214	0.01544821 2.10157990 0.007 0.071			
APR	•		•	•	•			•			
ALPHA BETA RMS P(E>.01)	0.00745808 2.17834778 0.005 0.071	0.03975077 1.52533701 0.012 0.571	0.03374844 1.77458105 0.007 0.214	0.00643976 2.15366101 0.003 0.000	0.00234621 2.17348388 0.002 0.000	0.00188405 2.27410412 0.002 0.000	0.00252479 2.55914810 0.002 0.000	0.90313347 2.50323404 0.006 0.000			
MAY	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	0.00787836 2.06471087 0.006 0.071	0.04246442 1.45511305 0.010 0.429	0.015 <b>04288</b> 1.73145001 0.007 C.071	0.00127429 2.44855504 0.003 0.000	0.00022794 3.14879704 0.001 0.000	0.00041734 2.83374405 0.001 0.000	0.00193989 2.38252211 0.002 0.000	0.00245782 2.43470907 0.004 0.000			
MUL	•	•		•	•	•		•			
ALPHA BETA RMS P(E>.01)	0.00737475 2.01733002 0.007 0.286	0.02998540 1.46288197 0.011 0.571	0.00777719 2.23437809 0.000	0.00073359 2.90630311 0.002 0.000	0.00132499 2.26401496 0.002 0.000	0.00023849 3.17742494 0.001 0.000	0.00032781 3.34034491 0.002 0.000	0.00059359 3.19747210 0.002 0.000			
JUL	•	•		•	•	•					
ALPHA BETA RMS P(E>.01)	0.00476306 2.13364196 0.009 0.286	0.03948178 1.53980494 0.013 0.643	0.01091277 2.18960094 0.009 0.214	0.00147904 2.62145996 0.002 0.000	0.00014463 3.38473392 0.001 0.000	0.00028829 2.93965791 0.001 0.000	0.00045088 2.83020401 0.001 0.000	0.00128730 2.75467309 0.003 0.000			
AUS	•	•	•	•	•	•	•	•			
ALPHA BETA RHS P(E>.01)	0.025 <b>00</b> 4 <b>0</b> 1.4424079 <b>0</b> 0.008 0.204	0.04734491 1.22105302 0.017 0.714	0.03148713 1.70120397 0.013 0.714	0.00374224 2.26661279 0.003 0.000	0.00133393 2.37740898 0.001 6.000	0.00044017 2.49224405 0.001 0.000	0.00145084 2.45832494 0.003 0.000	0.00585723 2.05977106 9.006 0.143			
SEP	•	•	•				•				
ALPHA SETA RNS P(E>.01)	0.04117522 1.20275299 0.019 0.443	0.14448471 0.98445278 0.018 0.714	0.1111#370 1.24227703 0.024 0.714	0.01274662 2.01133108 0.005 0.143	0.00238458 2.30497489 0.001 0.000	0.00193250 2.40425110 0.001 0.000	0.00485473 2.11742410 0.004 0.000	0.02062684 1.70055497 0.011 0.571			
OCT	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>,01)	0.12499770 1.14851499 0.019 0.857	0.18986450 0.97104257 0.022 0.857	0.22599781 1.05987501 0.015 0.500	0.07263434 1.34094704 0.012 0.286	0.00781004 2.17581606 0.003 0.000	0.00823438 2.27020810 0.006 0.071	0.03040554 1.83610702 0.011 0.143	0.07447705 1.36156597 0.014 0.500			
HOV	•	•		•							
ALPHA BETA RHS P(E>.01)	0.07524737 1.41427097 0.014 0.500	0.00788775 1.20478099 0.014 0.704	0.12363480 1.29027700 0.013 0.429	0.04083428 1.57348100 0.005 0.071	0.02465846 1.78654802 0.006 0.143	0.03474734 1.79045403 0.010 0.429	0.05189263 1.63153899 0.014 0.357	0.07341313 1.40846397 0.012 0.429			
DEC								•			
ALPHA BETA RHE P(E>.01)	0.07707237 1.45781302 0.015 0.429	0.07379809 1.44233797 0.017 0.429	0.10274130 1.47437094 0.020 0.571	0.07374745 1.31481177 0.011 0.427	0.04914952 1.63184595 0.008 0.286	0.04487476 1.40627404 0.010 0.357	0.07454388 1.50704005 0.016 0.443	*********			

JAN	0000-0200	0300-0300	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300
•								
ALPHA BETA	0.08717854 1.12894097	0.10340480	0.10227490 1.12741998	0.11154570	0.07106511	0.06094642	0.04440883	0.07742318 1.18797898
RMS	0.010	0.011	0.017	0.012	2.014	0.015	0.008	0.006
P(E>.01)	0.214	0.214	0.571	0.500	0.500	0.714	0.214	0.143
FER		•						į
ALPHA	0.04939447	0.08004349	0.10022730	0.10379010	0.04505**3	0.02608587	0.02386384	0.04239201
BETA	1.17203405	1.13521099	1.12470400	1.21440899	1.48170077	1.45422177	1.72673702	1.39311302
RMS	0.008	0.008	0.011	0.015	0.014	0.013	0.011	0.009
P(E>.01)	0.143	0.214	0.357	0.500	0.443	0.357	0.214	0.214
MAR		•	•	•	•	•		•
ALPHA	0.04293544	0.07477332	0.09799051	0.04842445	0.00788177	0.00484872	0.00942114	0.01441015
BETA	1.17454400	0.94412271	1.12427402	1.54014597	2.01334691	1.88870502	1.81159404	1-57950103
RMS P(E>.01)	0.009 0.214	0.014	0.015	0.010	0.005	0.005	0.003	0.005
P(E'01)	0.214	0.643	0.500	0.35/	0.143	0.071	0.000	0.071
APR	•		•	•	•	•	•	•
ALPHA	0.02141653	0.02551402	0.05145594	0.00875278	0.00204742	0.00072444	0.00200700	0.00333477
DETA	1.10711794	1.41971898	1.27781403	1 - 94545201	2.13085499	2.42737203	2.14753699	1.73014798
RMS P(E>.01)	0.008 0.143	0.00 <del>9</del> 0.214	0.012 0.500	0.003	0.007	0.003	0.003 0.000	0.003 0.000
	01145	*****	0.300	0.000	0.000	0.000		0.000
MAY	•	•	•	•	•	•	•	•
ALPHA	0.02404175	0.04373107	0.03407882	0.00295577	0.00043514	0.00032354	0.00081042	0.00343328
BETA RMB	1.03754499	1.10302305 0.015	1.35444105	2.24005294 0.003	2.57902598 0.001	2.78297400 0.001	2.51652002 0.001	1.91254497
P(E>.01)	0.357	0.714	0.357	0.003	0.001	0.001	0.000	6.000
JUN								
ALPHA Deta	0.02893031 1.17891705	0.08823325	0.04348249 1.21791101	0.00329409 2.35543489	0.00044372 2.94945302	0.00022214 3.04408904	0.00087518 2.38340704	0.00357258 2.13819599
RHS	0.014	0.014	0.009	0.004	0.001	0.001	0.002	0.004
P(E>.01)	0.571	0.500	0.357	0.000	0.000	0.000	0.000	0.000
JUL			•				•	•
ALPHA	0.02344044	0.08157439	0.05500570	0.00354370	0.00105453	0.00047433	0.00077285	0.00294930
BETA	1.18458996	0.89070278	1.22744298	2.25204170	2.363/4388	2.30020809	2.39367509	2.17428708
RHS	0.013	0.014	0.010	0.003	0.001	0.001	0.001	0.004
P(E>.01)	0.500	0.500	0.357	0.000	0.000	0.000	0.000	0.000
AUG	•		•	•	•	•	•	•
ALPHA	0.02745580	0.10473850	0.12278830	0.01627210	C.00508148	0.00072315	0.00092738	0.00204521
DETA	1.40041004	0.75740037	1.04136097	1.75049901	1.82057604	2.74721694	2.73704494	2.50738494
RMS P(E>.01)	0.009 0.357	0.016 0.500	0.011 0.357	0.005	0.003	0.003	0.001	0.004
7(601)	0.33/	0.300	0.337	0.000	0.000	0.000	0.000	0.000
SEP	•	•	•	•	•	•	•	•
ALPHA	0.14132319	0.22574770	0.24209840	0.06351902	0.00372079	0.00204350	0.00228444	0.02599136
BETA	0.73473940	0.43704473	0.71796352	1.22251797	2.17911291	2.18925491	2.45842400	1.41680396
RMS P(E>.01)	0.012	0.014 0.443	0.012	0.010 0.357	0.002	0.003	0.003	0.006
001	0.300	0.6-3	0.427	0.33/	0.000	******	0.000	0.071
	•	•	•	•	•	•	•	•
ALPHA	0.24475157 0.57875011	0.28195941 0.58757931	0.30402130 0.44278732	0.18145A70 0.84973028	0.03R28461 1.44317201	0.01508435 1.77449501	0.04535299 1.31475899	0.133407 <b>0</b> 0 0. <b>8</b> 314 <b>585</b> 1
BETA RMB	0.378/3011	0.015	0.014	0.014	0.011	0.007	0.009	0.010
P(E .01)	0.571	0.429	0.429	0.500	0.357	0.143	0.284	0.284
MOV								
AL PHA	0.11854440	0.11782780	0.12830490	0.13044511	0.06172225		0.05502454	0.09412269
DETA	0.91722810	0.92809713	0.12830490	1.02249205	1.28904998	0.046094 <b>87</b> 1.305 <b>88</b> 603	1.24021504	1.02507903
RMS	0.013	0.013	0.012	0.008	0.004	0.004	0.009	0.011
P(E>.01)	0.500	0.571	0.500	0.214	0.071	0.071	0.284	0.429
DEC			•					•
ALPHA	0.00334155	0.09274939	0.08804490	0.10373430	0.08398374	0.07400163	0.04834344	0.07843148
DETA	1.22343802	1.14214397	1.22123599	1.30184294	1.30317399	1.32906795	1.35507075	1.24050103
RHS	0.010 0.214	0.007 0.284	0.009	0.011	0.010	0.012	0.011	0.008
P(E>.01)	0.214	V - 200	0.206	0.357	0.357	0.284	0.357	0.143

### SCHUMEDISCH MALL AAF WEAHO34074

					******			
MAL	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300
ALPHA	********	0.29179910	0.14042810	0.12732551	0.07044945	0.07424438	0.10430470	0.10064240
BETA	********	1.13261795	1.20804904	1.20331502	1.37458274	1.28247905	1.34315598	1.45124903
RHS	*****	0.043	0.034	0.033	0.027	0.017	0.029	0.041
P(E>.01)	*****	0.929	0.714	0.714	0.500	0.427	0.037	0.929
FED	•							
					-	•		
ALPHA	********	0.04794300	0.14612821	0.12972289	0.059#2931	0.03791450	0.04032937	0.11147740
BETA	********	1.54752500	1.20021498	1.15043604	1.40829504	1.53916700	1.49758506	1.24483905
RMS	****	0.022	0.027	0.023	0.023	0.014	0.023	0.034
P(E>.01)	****	0.571	0.784	0.714	0.571	0.284	0.443	0.83/
HAR	•	•		•	•	•	•	•
ALPHA	********	0.14403270	0.10114810	0.06287199	0.02284393	0.02134175	0.02347525	0.02047455
BETA	********	0.77543543	1.16249204	1.35225594	1.52073896	1.43754497	1.55544294	1.35537494
RHS	****	0.021	0.020	0.017	0.010	0.005	0.010	0.014
P(E>.01)	****	0.571	0.643	0.571	0.214	0.071	0.357	0.500
APR								
		-		•		•	·	-
ALPHA BETA	*********	0.0544 <b>63</b> 03 1.42441905	0.04732271	0.02403243 1.37915099	0.00800978 1.58779001	0.00727270	0.01444039 1.20301902	0.00417391
RHS	*****	0.023	0.011	0.008	0.005	1.45038497	0.004	1.99940097
	*****							
P(E>.01)	****	0.571	0.357	0.214	0.000	0.000	0.071	0.429
HAY	•	•	•	•	•	•		•
ALPHA	*******	0.04409324	0.05234233	0.00829331	0.00208712	0.00378855	0.00458447	0.03047503
BETA	*********	1.12498403	1.13543395	1.72195995	2.24231505	1.75414002	1.57747901	1.34807003
RHS	****	0.021	0.010	0.004	0.003	0.003	0.004	0.024
P(E>.01)	****	0.714	0.357	0.071	0.000	0.000	0.000	0.784
Jun							••••	
	·		·	•	•	•		•
ALPHA	*********	0.12937739	0.06708791	0.00784615	0.00545081	0.00340255	0.00910645	0.02370994
DETA RHS	*********	0.85209030 0.017	1.02924800 0.015	1.82391594	1.59784294	1.85701374	1.43034775	1.13441202
	*****	0.429	0.643		0.000	0.000	0.000	0.500
P(E>.01)	*****	0.429	0.843	0.214	0.000	0.000	0.000	0.300
JUL	•	•	•	•	•	•	•	
ALPHA	******	0.00207449	0.03883044	0.00597841	0.00293798	0.00230432	0.00125404	0.00000128
BETA	********	2.87701700	1.31517504	1.87748003	1.84774000	1.44459200	2.15732503	5.71422291
2NE	****	0.027	0.010	0.007	0.004	0,002	0.002	0.201
P(E>.01)	11111	1.000	0.357	0.143	0.003	0.000	0.000	0.000
AUG	_					,		
	•	,			,		,	•
ALPHA	********	0.14017749	0.10440330	0.02001619	0.00543787	0.00452147	0.01012756	0.00762785
BETA	********	1.01077775	1.00972795	1.57871902	1.84344004	1.81416074	1.54726505	1.73647594
RHS	11111	0.035	0.012	0.009	0.004	0.004	0.004	0.009
P(E>.01)	*****	0.786	0.571	0.284	0.071	0.000	0.143	0.286
BEP		•	•	•	•	•	•	
ALPHA	********	0.23505500	0.17771140	0.02710257	0.90211725	0.00188482	0.01146831	0.00794039
DETA	********	0.92189407	0.77771729	1.41048704	2.28710389	2.00234893	1.55137402	2.46171308
RHS	*****	0.029	0.017	0.014	0.004	0,002	0.007	0.024
P(E>.01)	****	0.784	0.643	0.571	0.000	0.000	0.143	0.427
OCT	•		•					
A1 BMA	*******	A #3553100	0.00010100	4 40400300				
ALPHA BETA	********	0.53557122 0.51438522	0.28048489 0.70294597	0.12629790 0.95445353	0.01499800 1.75703394	0.0122425B	0.03840081 1.51743803	0.03784073
RHS	*****	0.024	0.021	0.012	0.008	0.000	0.019	0.023
P(E>.01)	*****	0.714	0.784	0.571	0.143	0.284	0.500	0.571
MOV		<del>-</del> -						·- •
MUY	•	•	•	•	•	•	•	•
ALPHA	********	0.06416915	0.12782111	0.10077330	0.05451094	0.04537838	0.07306165	0.10144840
PETA	********	0.85572451	1.03354575	1.08206105	1.24164401	1.33193390	1.25381401	1.10841203
RMS	*****	0.022	0.024	0.023	0.017	0.010	0.021	0.917
P(E>.01)	*****	0.714	0.643	0.643	0.571	0.357	0.786	0.571
PEC	•	•	•	•	•	•	•	•
ALPHA	********	0.221509?9	0.12714989	0.10705510	0.05394130	0.04424522	0.08266594	0.07551352
BETA	********	1.31927502	1.22497104	1.24165404	1 - 49805***	1.37443995	1.48242903	1.44864500
RHS	****	0.045	0.019	0.032	0.017	0.021	0.024	0.041
P(E>.01)	*****	0.929	0.500	0.443	0.500	3.784	0.500	0.929

# PARAMETERS AND MEASURES OF ERROR IN THE WEIDULL DISTRIBUTION - VISIBILITY SEMBACH AD WHANG34054

BERBACH AB UBANG34054											
JAM	0600-0300	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300			
ALPHA BETA RMS P(E>.01)	0.10441790 1.31752598 0.013 0.429	0.12484710 1.19133494 0.013 0.357	0.14494521 1.14517105 0.011 0.357	0.19169021 1.02781105 0.013 0.571	0.12473440 1.18841304 0.007 0.357	0.12214450 1.15472102 0.013 0.714	0.10111490 1.37853599 0.008 0.143	0.07378014 1.40074700 0.007 0.214			
FED											
ALPHA BETA RMS P(E>.01)	0.08724814 1.41013996 0.011 0.286	0.10377450 1.33370475 0.010 0.206	0.14694700 1.15871090 0.008 0.286	0.18333919 1.01154399 0.016 0.571	0.08340038 1.29324494 0.013 0.500	0.04804442 1.34297704 0.012 0.429	0.07424780 1.39278400 0.008 0.284	0.07291546 1.47158897 0.010 0.429			
MAR			•	•	•		•	•			
ALPHA BETA RMB P(E>-01)	0.02007401 1.79540901 0.008 0.357	0.03705427 1.73923099 0.011 0.429	0.07718459 1.43165600 0.006 0.000	0.04794132 1.43430199 0.007 0.143	0.01218507 2.12056208 0.008 0.143	0.00944607 2.10641408 0.008 0.286	0.01688161 1.91026294 0.004 0.000	0.01520445 2.06419301 0.005 0.071			
APR	•	•	•	•	•	•	•	•			
ALPHA BETA RMB P(E>.01)	0.01517000 1.85417202 0.004 0.000	0.03904823 1.44705794 0.008 0.284	0.04048948 1.30352199 0.009 0.214	0.01328718 1.78073006 0.003 0.000	0.00227459 2.58803511 0.003 0.000	0.00135199 2.709#3597 0.001 0.000	0.00287360 2.42571706 0.003 0.000	0.00460747 2.3724 <b>82</b> 04 0.004 0.071			
HAY	•	•		•	•	•	•				
ALPHA BETA RMS P(E>.01)	0.01043747 1.88578904 0.010 0.429	0.03944662 1.37283599 0.014 0.714	0.02784430 1.60798502 0.010 0.500	0.00127089 2.98658670 0.002 0.000	0.00012#55 3.81045#99 0.001	0.00047913 2.46067600 0.001 0.000	0.00047674 2.87877608 0.001 0.000	0.00192714 2.62763095 0.003 0.000			
JUN	•	•		•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	0.01927224 1.60551906 0.008 0.143	0.04158470 1.18285501 0.012 0.443	0.03360985 1.55391097 0.008 0.143	0.00179545 2.82577410 0.004 0.071	0.00059821 2.99259901 0.002 0.000	0.00037104 3.04558772 0.002 0.000	0.00150576 2.37197495 0.001 0.000	0.00486495 2.22439003 0.006 0.071			
JUL	•	•		•	•	•	•	•			
ALPHA BETA RMS P(E>,01)	0.01365001 1.72747204 0.004 0.000	0.05112901 1.22494400 9.011 0.357	0.03747807 1.42175701 0.010 0.286	0.00233071 2.58717704 0.003 0.000	0.00039844 3.15506411 0.002 0.000	0.00018795 3.40462494 0.001 0.000	0.00077415 2.74432492 0.003 0.000	0.00381611 2.28746007 0.003 0.000			
AUB	•	•	•	•		٠	•	•			
ALPHA BETA RMB P(E>.01)	0.01737403 1.49514298 0.009 0.214	0.04679783 1.13699994 0.016 0.571	0.07813424 1.15704205 0.014 0.500	0.00494039 2.36793394 0.006 0.071	0.00021207 3.59459400 0.002 0.000	0.00024692 3.18997002 0.001 0.000	0.00127910 2.56291389 0.001 0.000	0.00377441 2.30014208 0.002 0.000			
SEP	•	•		•	•	•	•	•			
ALPHA BETA RHS P(E>,01)	0.03612067 1.29703703 0.013 0.500	0.12147500 1.00408995 0.017 0.500	0.18141089 0.84055899 0.015 0.571	0.02419449 1.48710194 0.009 0.500	0.00172519 2.79972291 0.003 0.000	0.000737 <b>9</b> 5 3.112 <b>849</b> 02 0.004 0.000	0.00543357 2.23438907 0.003 0.000	0.01470947 1.89939194 0.004 0.000			
001	•	•	•	•		•	•	•			
ALPHA BETA RMS P(E>,01)	0.13750930 1.00410293 0.029 0.057	0.23552477 9.42647678 0.032 0.857	0.33424470 0.45371472 0.031 0.784	0.16457130 0.94144041 0.022 0.643	0.03048476 1.60120106 0.011 0.266	0.02154218 1.72530903 0.004 0.000	0.03808914 1.41472404 0.008 0.284	0.07000037 1.3942@997 0.020 0.643			
MOV	•	•	•	•	•	•	•				
ALPHA DETA RHS P(E>.01)	0.15083740 1.18029275 0.024 0.643	0.17737579 1.08449504 0.030 0.714	0.19910701 1.01840297 0.024 0.714	0.10871780 1.01140594 0.013 0.429	0.08699255 1.28191602 0.010 0.500	0.09373407 1.24921095 0.004 0.071	0.09854797 1.39429495 0.013 0.429	0.12592369 1.26487899 9.023 0.714			
DEC	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	0.14 <b>748</b> 130 1.20267403 0.020 0.371	0.15432170 1.15385304 0.018 0.443	0.1470#320 1.1013#402 0.01# 0.571	0.20#43941 0.95057359 0.014 0.500	0.14880420 1.04479299 0.009 0.143	0.14375460 1.09624398 0.011 0.429	0.11862900 1.30157197 0.016 0.429	0.12414430 1.30439899 0.020 0.443			

	SIEGENDFRG GUNHERY RANGE UBANGJ4199											
JAN	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300				
ALPHA BETA RHS P(E>.01)	**********	***************************************	0.44434009 2.47622490 0.103 0.929	0.45823041 3.97840503 0.116 0.786	0.37410801 1.33595705 0.128 0.929	0.23505580 1.08203804 0.088 0.929	020238339 8418378838 84184 84184 84184	********* ********* *****				
FED		•										
ALPHA BETA RMS P(E 01)	***********	***********	0.21602350 0.99098963 0.097 1.000	0.18111309 1.01747596 0.073 1.000	0.10908880 1.40911198 0.043 0.929	0.02171579 2.13997793 0.057 0.714	*****	**********				
MAR	•	•		•		•						
ALPHA BETA RMS P(E>.01)	*********	********** ***** *****	0.21252730 1.24385405 0.088 1.000	0.16216180 1.21375704 0.072 0.786	0.11827420 1.24880898 0.048 1.000	0.00797757 2.34215097 0.048 0.571	0000000000 0000000000 00000 00000	***********				
APR	•	•	•	•		•	•	•				
ALPHA BETA RMS P(E>.01)	*********	**********	0.12275700 1.01539600 0.048 0.929	0.06430570 1.12938702 0.032 1.000	0.01301758 1.89934695 0.022 0.429	0.00210200 2.88574697 0.034 0.500	0.00034704 3.63599704 0.027 0.286	**********				
MAY	•	•	•	•	•	•	•	•				
ALPHA BETA RMS P(E>.01)	********* ***** ***** *****	**********	0.09552302 0.96921718 0.024 0.714	0.00951844 1.82466400 0.010 0.214	0.00451876 1.87487603 0.007 0.071	0.00104187 2.21010399 0.005 0.143	*********** ****** *****	**********				
JUN	•	•	•	•		•	•	•				
ALPHA BETA RMB P(E>.01)	******** **** ****	********* ********* *****	0.04662980 1.34509695 0.027 0.714	0.02811953 1.28264904 0.015 0.571	0.00081688 3.18473196 0.014 0.357	0.00000189 4.28178310 0.003 0.000	********* ********* ****	**********				
JUL	•	•	•	•								
ALPHA BETA RHS P(E>.01)	*********	**********	0.09631395 1.00905704 0.031 0.643	0.07002775 1.48917997 0.014 0.357	0.00918777 1.50874999 0.005 0.071	0.00027408 2.97304787 0.005 0.071	*****	**************************************				
AUG		•						,				
ALPHA BETA RMS P(E>.01)	***********	**********	0.24801040 0.94725293 0.065 0.929	0.08915951 1.21030998 0.037 0.929	0.07291047 1.61944699 0.027 0.571	0.00022543 3.19991398 0.003 0.000	***********	***********				
SEP		•	٠		•			•				
ALPHA DETA RMB P(E>.01)	**********	**********	0.28693810 0.88826919 0.054 0.857	0.04270071 1.46293204 0.029 0.357	0.00172294 3.19257498 0.015 0.429	0.00004643 4.73179205 0.007 0.143	**********	*********				
OCT	•	•	•	•	•	•	•	•				
ALPMA DETA RMS P(E>.01)	*****	*********	0.57475787 0.42359468 0.043 0.786	0.31738580 0.85624543 0.025 0.643	0.12760469 1.03219496 0.028 0.786	0.02080319 1.79207998 0.023 0.571	*****	********** ********** *****				
HOV	•	•	•	•	•	•	•	•				
ALPHA BETA RMB P(E>.01)	********** ********* *****	*********	0.20087570 0.72333199 0.018 0.643	0.16343860 0.93344557 0.029 0.786	0.10714080 1.10737503 7.030 0.857	0.02877372 1.32403676 0.018 0.643	0111111111 011111111 01111 01111	**********				
DEC	•		•									
ALPHA DETA RHO P(E).01)	**********	**************************************	0.25079280 0.95915163 0.077 0.857	0.27056731 1.07454278 0.116 0.727	0.30525557 0.47741747 0.108 1.000	0.04244846 1.43380797 0.036 0.714	**********	******				

SPANDDAHLFM AD WDAN634954											
JAN	0000-0200	0300-0500	0400-0800	0700-1100	1200-1400	1500-1700	1800-2000	2100-2300			
ALPHA BETA RHB P(E).01)	0.12248120 0.94840912 0.012 0.284	0.13498341 0.97160178 0.012 0.357	0.15002440 0.90042428 0.009 0.284	0.20099500 0.85457978 0.011 0.429	0.13474460 0.90809202 0.009 0.286	0.11609420 0.91652513 0.007	0.10059190 0.98141539 0.014 0.571	0.07872374 0.74445777 0.014 0.714			
FEB					,						
ALPHA DETA RHS P(E>.01)	0.07995705 1.00246298 0.008 0.357	0.09742510 0.94507043 0.007 0.284	0.12744040 0.93313372 0.009 0.204	0.15319140 0.93747491 0.007 0.214	0.09474632 0.95142138 0.009 0.071	0.04447477 1.00468277 0.008 0.214	0.06762455 1.02705097 0.008 0.286	0.07713890 0.91722351 0.014 0.500			
MAR	•			•	•	•	•				
ALPHA BETA RMS P(E>.01)	0.03807240 1.17732498 0.004 0.071	0.05400413 1.10934997 0.004 0.071	0.08032137 1.10544503 0.010 0.284	0.04537731 1.23442402 0.008 0.143	0.01443228 1.62164700 0.006 0.214	0.01236874 1.50148201 0.004 0.000	0.01908337 1.35482001 0.004 0.071	0.02249327 1.22879401 0.004 0.000			
APR	•	•	•	•	•	•	•	•			
ALPHA BETA RMB P(E>.01)	0.01233455 1.28745198 0.004 0.000	0.02200547 1.29561996 0.007 0.143	0.04938971 1.23743904 0.009 0.286	0.02424017 1.32613206 0.004 0.000	0.00798470 1.30452204 0.002 0.000	0.00379592 1.71438301 0.003 0.000	0.01113385 1.30857396 0.003 0.000	0.00799521 1.45390999 0.003 0.000			
MAY	•	•	•	•		•	•	•			
ALPHA BETA RMS P(E>.01)	0.01706635 1.20646095 0.005 0.000	0.04504229 1.05733204 0.008 0.286	0.04723003 0.98801428 0.008 0.214	0.00952711 1.44930499 0.004 0.000	0.00178783 2.03243975 0.002 0.000	0.00173017 2.12057090 0.002 0.000	0.00570134 1.54491003 0.003 0.000	0.00319094 1.71410404 0.002 0.000			
JUN						•	•				
ALPHA BETA RMB P(E>.01)	0.01343423 1.28428397 0.005 0.000	0.04204204 1.19701495 0.008 0.143	0.04958750 1.08314800 0.000 0.143	0.01270470 1.54389105 0.005 0.000	0.000#9441 2.49587393 0.002 0.000	0.00124176 2.19631600 0.002 0.000	0.00215375 1.98117399 0.002 0.000	0.00757144 1.56542206 0.004 0.071			
JUL	•	•	•	•	•	•	•	•			
ALPHA BETA RMB P(E>.01)	0.00824444 1.48073174 0.003 0.000	0.03027844 1.23647300 0.007 0.143	0.04020478 1.23873198 0.007 0.071	0.00753092 1.77344897 0.004 0.000	0.00125329 2.09419408 0.001 0.000	0.00121324 1.70153801 0.001 0.000	0.002 <b>87</b> 034 1.407 <b>7</b> 9403 0.001 0.000	0.00417573 1.57809198 0.002 0.000			
AUB	•	•	•	•	•	•	•	•			
ALPHA BETA RMB P(E>.01)	0.01915930 1.30197194 0.004 0.000	0.04610438 1.18716395 0.005 0.071	0.07408746 1.22009099 0.009 0.357	0.02054747 1.58443494 0.005 0.143	0.00174525 2.24683404 0.002 0.000	0.00170979 2.07879896 0.001 0.000	0.00527482 1.43753405 0.003 0.000	0.00473542 1.71714797 0.003 0.000			
SEP	•	•	•	•	•	•	•	•			
ALPHA BETA RHS P(E>.01)	0.03102114 1.28258002 0.008 0.214	0.04137119 1.22819490 0.008 0.284	0.14292850 0.99890351 0.014 0.786	0.05330037 1.2954#505 0.010 0.357	0.00447459 2.06875205 0.005 0.071	0.00088359 2.42744000 0.002 0.000	0.00247640 2.25404692 0.004 0.000	0.00884922 1.47810404 0.005 0.071			
OCT	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	0.11743550 0.82005411 0.010 0.427	0.16470040 0.73903161 0.012 0.429	0.23390970 0.65434331 0.012 0.500	0.16347210 0.76677692 0.011 0.357	0.04754199 1.13880503 0.007 0.071	0.07007712 1.48755002 0.004 0.000	0.03345531 1.24773800 0.008 0.143	0.04027720 1.02279403 0.007 0.143			
HOV	•	•	•	•	•	•	•	•			
ALPHA DETA RMS P(E>.01)	0.14673540 0.61743697 0.012 0.500	0.18906321 0.58123821 0.013 0.571	0.21421220 0.55592430 0.012 0.571	0.20024740 0.47581347 0.009 0.284	0.11299530 0.76999038 0.008 0.071	0.08244136 0.86030388 0.011 0.357	0.06821377 0.70201068 0.011 0.429	0.07415544 0.74867333 0.014 0.500			
DEC	•	•	•	•	•	•	•	•			
ALPHA DETA RMS	0.20754040 0.54137580 0.018	0.22952010 0.36099671 0.017	0.23002370 0.54331742 0.019	0.23122050 0.47574278 0.013	0.18095990 0.73272300 0.007	0.18527800 0.67445701 0.010	0.18089150 0.62113369 0.016	0.21307290 0.53824002 0.017			

			TEMPELHOF AL	PRT WBANGS51	04			
JAN	0000-0200	0300-0500	0400-0800	0700-1100	1200-1400	1500-1700	1800-2000	2100-2300
ALPHA Deta Rhs	0.07 <b>079388</b> 1.54127502 0.024	0.07787 <b>9</b> 59 1.51437 <b>9</b> 00 0.024	0.12770020 1.42334700 0.025	0.15907321 1.452 <b>90</b> 503 0.030	0.07757 <b>03</b> 7 1.4053780 <i>4</i> 0.021	0.08702234 1.43294902 0.030	0.07134213 1.70700000 0.026	0.08122811 1.59193504 0.028
P(E>.01)	0.443	0.443	0.571	0.657	0.643	0.786	0.714	0.643
FED	•	•	•	•	•	•	•	•
ALPHA BETA RMB P(E>.01)	0.08422400 1.43223798 0.020 0.571	0.10370300 1.44463376 0.028 0.571	0.18540450 1.34390998 0.027 0.443	0.14819340 1.43181300 0.020 0.729	0.04757593 1.44301097 0.024 0.857	0.05487749 1.71492803 0.025 0.714	0.04586104 1.73408005 0.021 0.500	0.03914266 1.56699300 0.017 0.571
HAR	ě		•					
ALPHA BETA RMB P(E>.01)	0.01401310 2.05488203 0.011 0.357	0.02244104 2.00428391 0.019 0.500	0.04884707 1.75893298 0.024 0.784	0.03142053 1.99179004 0.024 0.714	0.00794468 2.21593595 0.008 0.357	0.00931132 2.20301390 0.012 0.357	0.00852224 2.29948497 0.008 0.214	0.00851574 2.24524593 0.010 0.357
APR	•	•			•			
ALPHA BETA RHB P(E>.01)	0.00431473 2.25342202 0.005 0.071	0.01571133 1.94443999 0.005 0.000	0.02313426 2.09019399 0.017 0.500	0.01007758 2.15489802 0.010 0.357	0.00624333 2.0112 <b>8680</b> 0.006 0.071	0.00454387 1.81523705 0.005 0.071	0.00504382 1.99126303 0.004 0.000	0.00232149 2.37837404 0.005 0.071
MAY	•	•	•	•	•	•	•	
ALPHA BETA RHB P(E>.01)	0.00533289 2.09090209 0.003 0.000	0.01445844 2.03085494 0.006 0.000	0.010#21#3 2.21774305 0.014 0.357	0.00277028 2.59445405 0.007 0.284	0.00105253 2.77090493 0.005 0.000	9.00223542 2.12740507 0.002 0.000	0.00162424 2.55531693 0.003 0.000	0.00113592 2.77569294 0.004 0.071
JUM	•	•	•		•	•	•	
ALPHA BETA RHS P(E>:01)	0.00129232 2.34342790 0.001 0.000	0.00411229 2.49431610 0.005 9.071	0.00247736 2.85777307 0.007 0.286	0.00153244 2.40559797 0.006 0.071	0.00020434 3.31703494 0.002 0.000	0.00020152 3.02981400 0.002 0.000	0.00048917 2.83442901 0.004 0.071	0.00024819 3.13404393 0.002 0.000
JAL	•	•	•	•			•	
ALPHA BETA RMB P(E>.01)	0.0004#022 2.78001577 0.003 0.000	0.00307431 2.46175404 0.007 0.143	0.00391892 2.43101402 0.013 0.357	0.00134599 2.44951990 0.005 0.071	0.000#5194 2.49276996 0.003 0.000	0.00057253 2.59853504 0.001 0.000	0.00057548 2.76480378 0.003 0.000	0.00025474 3.14344408 0.002 0.000
AUB	•	•		•				
ALPHA BETA RMB P(E>.01)	0.00078414 2.84741900 0.003 0.000	0.00709030 2.25575991 0.007 0.143	0.00795844 2.32030109 0.013 0.357	0.00180973 2.78187607 0.007 0.143	0.00070842 2.70083809 0.002 0.000	0.00080237 2.34013891 0.003 0.000	0.0005 <b>0584</b> 2.7037 <b>70</b> 04 0.003 0.000	0.00014263 3.61594510 0.005 0.071
BEP	•	•	•	•	•	•	•	•
ALPHA DETA RMS P(E>.01)	0.004272 <b>8</b> 4 2.1577 <b>8087</b> 0.005 0.000	0.01930446 1.84903594 0.008 0.143	0.03375331 1.92413101 0.022 0.571	0.00997074 2.29893494 0.016 0.571	0.00475247 2.19972704 0.004 0.071	0.00471241 2.10721111 0.003 0.000	0.00292138 2.47320404 0.003 0.071	0.00703948 1.91944802 0.003 0.000
007	•	•	•	•	•	•	•	•
ALPHA BETA RMS P(E>.01)	0.07923975 1.19412100 0.016 0.714	0.11013330 1.11444697 0.020 0.714	0.16331060 1.25211301 0.022 0.786	0.08874788 1.43008402 0.014 0.427	0.03344469 1.65744996 0.013 0.286	0.03122301 1.44780901 0.008	0.03653343 1.54775798 0.014 0.429	0.04497405 1.23365596 0.012 0.443
MOV	V1/17	V1/17			V1499		V1947	
ALPHA BETA RHS P(E>.01)	0.04238803 1.32303804 0.004 0.143	0.04704588 1.48404303 0.014 0.357	0.07300348 1.53697095 0.018 0.643	0.03722457 1.70484575 0.014 0.571	0.04240820 1.62812495 0.010 0.429	0.03637127 1.68157377 0.014 0.357	0.02543425 1.78829704 0.018 0.571	0.03847812 1.54828294 0.013 0.357
ALPHA BETA RHS P(E>.01)	0.04008788 1.53701901 0.014 0.300	0.07404143 1.43812573 0.016 0.371	0.10875500 1.44518004 0.021 0.571	0.13723250 1.44377778 0.015 0.560	0.09705710 1.52977598 0.015 0.643	0.04874370 1.37377102 0.018 0.443	0.05380942 1.56816804 0.024 0.714	0.05437420 1.54851305 0.020 0.571

WERTHEIN AAF WBAN634076											
JAN	0000-0200	0300-0500	0400-0800	0700-1100	1200-1400	1500-1700	1000-2000	2100-2300			
ALPHA DETA RMS P(E>.01)	**********	*********** ***** *****	0.40514731 0.81439189 0.014 0.443	0.40175781 0.77076101 0.017 0.643	0.28003440 0.87722357 0.025 0.786	0.24187230 0.97144639 0.024 0.786	0.24735431 1.00895594 0.024 1.000	********* ****** *****			
FEB	•										
ALPHA BETA RMS P(E>.01)	**********	*********** ********** *****	0.22804737 0.87403138 0.020 0.571	0.24791410 0.82725322 0.023 0.784	0.14024480 0.75448482 0.014 0.714	0.11405820 1.04625795 0.015 0.714	0.11319810 1.13894999 0.013 0.500	**********			
MAR	•	•		•	•			•			
ALPHA BETA RHS P(E>.01)	1811012941 11111 11111 11111	********** ********* *****	0.18787710 1.03710476 0.021 0.571	0.1447840 1.05483174 0.018 0.427	0.04009110 1.38483766 0.016 0.500	0.04353419 1.33213401 0.008 0.28¢	0.05331710 1.31505279 0.012 0.357	********** ***** *****			
APR	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	********** ****** *****	*********	0.14275131 1.02347103 0.021 0.443	0.07745147 1.23346201 0.013 0.429	0.02292480 1.52172899 0.009 0.357	0.01524574 1.53354899 0.003 0.000	0.00457535 2.31539202 0.004 0.071	********* ******* *****			
MAY	•	•	•	•	•	•	•	•			
ALPHA BETA RMB P(E>.01)	*********	***************************************	0.09849023 1.11192298 0.022 0.786	0.02731485 1.48018599 0.006 0.071	0.00334070 2.21477509 0.000 0.286	0.00073612 2.80466197 0.004 0.000	0.00001621 4.77335078 0.002 0.000	********* ***** *****			
JUN	•	•	•	•	•	•	•	•			
ALPHA BETA RMB P(E>.01)	100333311 038033310 0003 1003	***************************************	0.12946180 1.05442202 0.016 0.571	0.02054470 1.77136305 0.010 0.357	0.00915435 1.74708200 0.007 0.071	0.00258591 2.31014800 0.004 0.000	0.00237748 2.37863876 0.004 0.000	014444444 01444444 0144 0144			
JUL	•	•		•	•	•	•				
ALPHA DETA RNS P(E).01)	**********	********** ********** *****	0.13004510 0.96292198 0.016 0.643	0.02009337 1.44418803 0.004 0.000	0.00461177 1.88079703 0.005 0.071	0.00259339 2.04493699 0.004 0.000	0.00360128 1.86459804 0.006 0.071	*********			
AUG	•	•	•	•	•	•	•	•			
ALPHA BETA RMS P(E>.01)	*********	**********	0.29156229 0.70549950 0.023 0.571	0.07712849 1.17194104 0.013 0.429	0.00405054 2.33152890 0.010 0.284	0.00438459 2.04529593 0.004 0.143	0.00137094 2.77554109 0.007 0.214	*****			
967	•	•		•	•	•	•				
ALPHA BETA RHS P(E>.01)	**************************************	***************************************	0.47454180 0.44749509 0.021 0.429	0.21435190 0.74948443 0.019 0.714	0.03030276 1.48272300 0.004 0.143	0.0055737 2.11403093 0.005 0.071	0.00737404 2.00304010 0.007 0.214	**********			
OCT	•	•	•	•		•					
ALPHA BETA RHS P(E>.01)	01111 2011 2011 2011 2011 2011 2011 201	**********	6.40193942 6.38242599 6.020 6.500	0.44257021 0.45543999 0.015 0.500	0.15337320 0.82732922 0.010 0.286	0.07238566 1.13021004 0.011 0.429	0.08249930 1.14042999 0.014 0.429	**********			
NGV	•	•	•	•	•	•		•			
ALPHA BETA RMS P(E>.01) DEC	********** ****** ***** *****	1011011111 1011011111 10101 10101	0.33129450 0.70335448 0.019 0.714	0.29219940 0.71710831 0.016 0.571	0.17140800 0.89473471 0.017 0.784	0.15244480 0.73247497 0.014 0.571	0.16702 <b>85</b> 0 1.055423 <b>9</b> 7 0.017 0.714	**********			
ALPHA BETA RMS P(E>.01)	1000111111 100011111 10001		0.26474117 0.70825377 0.016 0.427	0.30077720 0.77323730 0.018 0.300	0.22477090 0.85312188 0.014 0.500	0.20859870 0.72725879 0.014 0.429	0.19497580 1.04145497 0.018 0.443				

# PARAMETERS AND MEASURES OF ERROR IN THE MEIBULL DISTRIBUTION - VISIBILITY MIESBADEN AP MBAN673010

	RIESDADEM UM MRMA 12010											
JAN	0000-0200	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300				
ALPHA BETA RME P(E>.01)	0.13611130 0.98091151 0.005 0.000	0.14884990 0.94432372 0.007 0.214	0.17081450 0.93384528 0.010 0.357	0.22519159 0.91794717 0.010 0.357	0.17627530 1.01068497 0.009 0.286	0.15/20519 1.01391697 0.010 0.286	0.1228/150 1.13881803 0.009 0.214	0.12155940 1.06403196 0.007 0.143				
FEB												
ALPHA BETA RMS P(E).011	0.10353470 1.13553798 0.009 0.264	0.12158290 1.04353097 0.010 0.429	0.15713510 0.97224832 0.008 0.286	0.19204910 0.96824580 0.010 0.357	0.13132800 1.09110999 0.014 0.571	0.10840650 1.08925605 0.009 0.286	0.10344340 1.14765301 0.009 0.357	0.08748494 1.20702600 0.010 0.214				
MAR	•	•	•		•							
ALPHA BETA RMS P(E>.01)	0.02026182 1.77472794 0.004 0.000	0.03511324 1.55745405 0.005 0.000	0.08151086 1.26697302 0.006 0.071	0.09187268 1.27915299 0.007 0.214	0.03847153 1.56210005 0.004 0.078	0.01975802 1.72535598 0.004 0.000	0.01620862 1.87224495 0.003 0.000	0.01273468 1.76348298 0.003 0.000				
APR	•	•	•	•	•	•	•					
ALPHA BETA RMB P(E>.01)	0.00303822 2.40384510 0.003 0.000	0.00 <b>89899</b> 5 5.9592 <b>%</b> 597 0.003 0.000	0.03193007 1.56984794 0.005 0.000	0.02224277 1.77390397 0.004 0.000	0.00503 <b>†</b> 34 2.170 <b>8</b> 4101 0.003 0.000	0.00155642 2.53621507 0.001 0.000	0.00159907 2.40531905 0.001 0.000	0.00175745 2.54621790 0.303 0.000				
MAY	•	•	•	•	•	•	•					
ALPHA BETA RMS P(E>.Q1)	0.00124700 2.63845491 0.002 0.000	0.00491815 2.05035496 0.003 0.000	0.02027418 1.70428002 0.004 0.000	0.00709312 2.14517095 0.002 0.000	0.00147978 2.55212808 0.002 0.000	0.00056726 2.76626492 0.002 0.000	0.00075385 2.64655304 0.001 0.000	0.00086153 2.717#8689 0.001 0.000				
JUW	•	•	•	,			•	•				
ALPHA BETA RMS P(E>.01)	0.00451294 2.00387192 0.002 0.000	0.01097041 1.84198701 0.003 0.000	0.02119692 1.76355100 0.005 0.071	0.00703370 2.213#7100 0.004 0.000	0.00047851 3.01304102 0.003 0.000	0.00057795 2.84105492 0.002 0.000	0.00046682 3.00808096 0.001 0.000	0.00249412 2.319 <b>636</b> 05 0.001 0.000				
JUL	•	•	•	•		•	•					
ALPHA BETA RMS P(E>.01)	0.00142550 2.51454 <b>8</b> 06 0.001 0.000	0.00724809 2.05273509 0.005 0.071	0.02038459 1.82032394 0.005 0.071	0.00720255 2.19348192 0.004 0.000	0.00003744 2.84718074 0.002 0.000	0.000+0538 2.730+5209 0.002 0.000	0.00080687 2.43793°07 0.001 0.000	0.00100864 2.44092398 0.001 0.009				
BUA	•	•	•									
ALPHA BETA RRB P(E>.01)	0.00423368 2.07639790 0.003 0.000	0.01439934 1.72212303 0.006 0.071	0.04014315 1.50584475 0.003 0.000	0.01544785 1.70889800 0.005 0.021	9.00187938 2.54841303 0.003 0.000	0.00042.72 3.03410506 0.001 0.000	0.00143438 2.30214503 0.002 0.000	0.00127271 2.57527900 0.002 0.000				
BEP	•	•				•						
ALPHA BETA RMS P(E>+01)	0.01581615 1.73047398 0.002 0.000	0.03899314 1.46105695 0.008 0.286	0.12857410 1.04541302 0.014 0.500	0.07951749 1.28745902 0.005 0.071	0.02135063 1.67285204 0.008 0.286	0.00833896 1.95544803 0.003 0.000	0.01182143 1.75440503 0.005 0.071	0.00724678 1.7132~801 0.003 0.000				
007	•	•	•	•			•					
ALPHA BETA RMB P(E>+01)	0.10907000 0.90293352 0.016 0.571	0.18104810 0.78940839 0.022 0.571	0.30118239 0.63942868 0.022 0.786	0.24787110 0.76748041 0.011 0.357	0.11006470 1.09742294 0.909 0.286	0.07354539 1.16756502 0.007 0.071	0.07097R67 1.22086596 0.006 0.071	0.07341682 1.1669299/ 0.013 0.429				
MOV	•	•		•	•	•	•	•				
ALPHA DETA RMB P(E>.01)	0.11333020 1.07304500 0.007 0.143	0.14244780 0.97070092 0.011 0.429	0.18492310 0.90499818 0.009 0.429	0.22254840 0.72779908 0.007 0.214	0.13119781 1.04499197 0.011 0.429	0.13383850 3.06229901 0.006 9.071	0.10341640 1.16064501 0.006 0.143	0.10724540 1.13090597 0.010 0.214				
DEC	•	•	•	•	•	•	•	•				
ALPHA BETA RHS P(E>.01)	0.14217350 1.04509306 0.012 0.427	0.16310391 0.94297051 0.013 0.429	0.18241210 0.91341403 0.011 0.357	0.23102351 0.91478381 0.007 0.214	0.20727707 0.73114501 0.011 0.286	0.20464320 0.91445927 0.013 0.357	0.14157870 1.07172203 0.007 0.143	0.13091210 1.10641503 0.009 0.286				

### ZWEIBRUCKEN AB WBANG34058

			TAT ! BROCKE		030			
JAN	0006-0500	0300-0500	0400-0800	0900-1100	1200-1400	1500-1700	1800-2000	2100-2300
ALPHA	0.09169536	0.12816679	0.15846381	0.17663760	0.11231360	0.06651369	0.08207127	0.07513637
BETA RMS	1.17080178	1.04213575	0.98464069	1.05072904	1.21139002	1.3716BB96 0.019	1.23867202	1.20832102
P(E>.01)	0.429	0.013	0.013	0.429	0.018	0.019	0.014	0.014 0.286
FED					0.37.	0.300	V. 200	0.200
		•	•	•	•	•	•	•
ALPHA	0.08140744	0.10010470	0.13851200	0.15752430	0.04337318	0.03535484	0.03444120	0.04043447
BETA BMR	1.17044775	1.07439003 0.012	1.00199902	1.02838802	1.34352505 0.013	1.50381401	1.51061201	1.45153296
P(E).01)	0.443	0.286	0.500	0.786	0.214	0.214	0.284	0.714
MAR								
пак	•	•	•	•	•	•	•	•
ALPHA	0.02439140	0.03857100	0.07841600	0.05919738	0.01801284	0.01330043	0.01293348	0.01705046
BETA RMS	1.48040402	1.40787494	1.26728201	1.52479696	1.76470101	1.66271496	1.49574594	1.49111795
P(E>.01)	0.143	0.010	0.016 0.571	0.015 0.206	0.010	0.00 <b>8</b> 0.214	0.010 0.286	0.00B 0.143
	*****	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		*****	*****	0.200	01140
APR	•	•	•	•	•	•	•	•
ALPHA	0.01243801	0.03203826	0.04895752	0.03540780	0.01021302	0.00459755	0.00596214	0.01314107
BETA RMR	1.69575298	1.35172796	1.24848199	1 - 43655394	1.76525199	1.94270205	1.76448500	1.43336499
P(E>.01)	0.00 <b>8</b> 0.143	0.009	0.010 0.357	0.007 0.143	0.006	0.005	0.003	0.005 0.143
	0.143	V.200	0.337	0.143	7.143	0.143	0.000	0.143
HAY	•	•	•	•		•		•
ALPHA	0.00718686	0.02758924	0.03296939	0.00826751	0.00231890	0.00067644	0.00153144	0.00471474
BETA RMS	1.76627004	1 - 44709599	1.52875498	1.93382800	2.05870891	2.59057403	2.21512294	1.84049705
P(E).01)	0.005	0.00B 0.357	0.011	0.005 0.071	9.003 9.000	0.002	0.003	0.002
			*****	•••••		3.440	0.000	0.000
JUN	•	•	•	•	•	•	•	•
ALPHA Beta	0.03070340 1.23885298	0.07486306 1.04944599	0.09345814 1.11949503	0.01875037 1.61442900	0.00455312	0.00236455 2.05870390	0.00226002	0.01080188
RMS	0.007	0.011	0.011	0.009	0.003	0.004	2.16957808	1.63664997
P(E>.01)	0.143	9.357	0.143	0.071	0.000	0.071	0.071	0.071
JUL		•						
ALPHA BETA	0.01435542 1.50242403	0.03264885 1.39787805	0.05680002 1.30568302	0.01181124 1.82920694	0.00271577 2.00806904	0.00227474 1.81179500	0.00174903 2.13863802	0.00418936 1.93708098
RMS	0.004	0.009	0.011	0.006	0.002	0.003	0.002	0.002
P(E>.01)	0.143	0.214	0.214	0.143	0.000	0.000	0.000	0.000
AUG	•	•						
ALPHA	0.02284271	0.06775147	0.09776796	0.03678562	0.00881215	0.00404478	0 00715040	0.00503403
BETA	1.44084397	1.12013495	1.14937500	1.46274698	1.76874101	0.00406435 1.96473897	0.00715048	0.00583402
RMS	0.007	0.010	0.014	0.008	0.004	0.005	0.002	0.007
P(E).017	0.:43	0.296	0.571	0.143	0.000	0.071	0.000	0.143
SEP			•	•				
ALPHA	0.04857854	0.12013170	0.16369730	0.07582958	0.00548780	0.00241035	0.00685935	0.01867207
DETA	1.04404402	0.94975132	0.90637767	1.15281606	2.10376191	2.21372390	1.85622895	1.52600300
RMS	0.009	0.011	0.013	0.008	0.004	0.003	0.004	0.008
P(E>.01)	0.357	0.429	0.571	0.357	0.000	0.000	0.000	0.071
001	•	•	•	•	•		•	
ALPHA	0.12141010	0.20205460	0.28266650	0.20223120	0.04680223	0.01768295	0.03827447	0.06911346
BETA	0.75807081	0.74874208	0.49981432	0.80882072	1.30264997	1.64006495	1.30993104	1.09068501
RMS P(E>.01)	0.015	0.017 0.443	0.017	0.023 0.857	0.011 0.284	0.009	0.012	0.014
HOU HOU	V./1-	U.873	0.714	V.83/		V-143	0.143	0.571
	•	•	•	•	•	•	•	•
ALPHA	0.18500940	0.21380970	0.24017330	0.22748640	0.11098470	0.08452731	0.11257480	0.13899350
BETA RAS	0.48775839 0.019	0.49942221	0.71818560 0.015	0.79742920 0.015	1.00353396	0.989492 <b>8</b> 9 0.020	0.8353 <b>8538</b> 0.019	0.79616767 0.016
P(E>.01)	0.571	0.443	0.443	0.429	0.643	0.643	0.714	0.571
DEC	_	_						
			•	•	•	•	•	•
ALPHA Beta	0.20492290	0.23031670 0.74523121	0.23204020 0.71440909	0.23632520 0.81074882	0.16005640 0.98135919	0.13728981	0.13633040	0.15790340
RMS	0.023	0.027	0.022	0.019	0.014	1.00551295 0.017	0.95486850 0.018	0.86962140
P(E>.01)	0.443	0.857	0.784	0.500	0.571	0.643	0.500	0.786

